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$(1, +k(n))$ [553]. (k, n) [320]. $0 - 1, 0, +1$ [243]. 1 [385]. 2 [821, 688, 2180, 165, 858, 2001, 934]. 3 [2213, 361, 602, 584, 597, 833, 588, 1150, 2170, 2173, 2226, 2212, 1539, 1535, 685, 2176, 653, 45, 332, 806, 600, 858, 2202, 2001, 2219, 1529, 590, 2181, 596, 840, 2179, 664]. 3+ [1326]. 4 [624]. a [714]. c [1084]. d [1102]. f [1731, 146]. h [524]. k [150, 59, 683, 122, 1855, 1731, 616]. κ [153]. λ [375]. μ [575]. N [442, 214, 77]. NN [683, 616]. p [330]. π [375, 258, 252, 255, 251]. q [1106]. r [384]. t [320]. v [576].

-algebra [122]. **-Body** [442]. **-Branching** [553]. **-Calculus** [375, 258, 252, 255, 714, 251, 575, 576]. **-Cheater** [320]. **-Colorings** [1731, 146]. **-Coloured** [150]. **-D** [821, 602, 584, 597, 1150, 2226, 1539, 685, 653, 600, 590, 934, 596, 664]. **-D-Motion** [588]. **-Dimensional** [1102, 688, 45, 2001]. **-Domination** [384]. **-generated** [165]. **-Gram** [1106]. **-nearest** [1855]. **-Optimal** [1084]. **-person** [77]. **-Processor** [330]. **-RED** [2137]. **-Relation** [524]. **-Trees** [59, 1731].

0/1 [1117]. **0/1-Integer** [1117]. **0p2** [132]. **0p2-Hard** [132].

1 [448]. **1-Integer** [1117]. **100** [358]. **17th** [1027].

2 [2142, 941, 308, 1726, 144, 352]. **2-Adic** [308]. **2-Monotonic** [1726]. **2-Trees** [2142, 144]. **20m** [932].

3 [2045, 173, 397, 1712, 1993]. **3-Colourability** [1993]. **3-Competitive** [173]. **3-SAT** [1712]. **3-Space** [397]. **3/2** [173]. **3kappa** [155]. **3n** [1721]. **3rd** [1002].

4 [72]. **4-** [39]. **4-OP** [72].

64 [309].

'88 [307]. **8mm** [1774].

90 [338]. **93** [1961].

= [168, 2062, 155, 115].

A.I. [856]. **Abduction** [1437]. **Abductive** [102, 1486, 1857]. **Abelian** [165]. **abilities** [75]. **Abnormal** [1172]. **Abstract** [570, 377, 380, 257, 1218, 566, 1641, 1377, 805, 397, 1187, 1228, 1232, 1211, 1235, 523, 1309]. **Abstracting** [1681]. **Abstraction** [370, 277, 285, 2017, 477, 1486, 1368]. **Abstractions** [1215, 1646]. **Abstracts** [339]. **AC** [510, 943]. **AC-Termination** [510]. **Acceleration** [1766]. **Accept** [552]. **Acceptance** [265]. **Access** [1917, 1621, 1589, 426, 1628, 66]. **ACCESS.bus** [2286]. **Accessibility** [551]. **according** [1961]. **Account** [570]. **Accounting** [1750]. **Accuracy** [1245, 1770, 587]. **Achievements** [1765]. **Achilles** [2311]. **Acoustic** [844, 900]. **Acquisition** [647, 1455, 849, 939]. **Acquisitions** [590]. **Across** [527, 236]. **Action** [2151, 1172, 1171, 1619, 1438]. **Actions** [1408, 1476, 1172, 1686, 1170]. **Activation** [1270]. **Active** [1281, 1940, 1278, 292, 1271, 676, 1938, 1272, 2320, 1262, 1260, 1687, 1265, 2111, 1279, 1280, 656, 1277, 2083, 1939, 1039, 1261, 781, 764, 837, 712, 1267, 1269, 791, 1615, 619, 1941, 1282, 1866, 1802]. **Active-Camera** [676]. **Activity** [1968, 1981, 1263, 832]. **Acyclic** [60, 2006]. **adaptable** [1839]. **Adaptation** [1858, 1452, 1836, 1874, 1849, 1853, 87, 1860]. **adaptation-guided** [1860]. **Adaptative** [1448]. **Adapted** [1148]. **ADAPtER** [1857]. **Adaptive** [860, 1122, 2042, 2198, 836, 1127, 1519, 801, 2224, 706, 2194, 2080, 424, 121, 1525, 2031, 1894, 1514, 852, 2211, 625, 804, 616, 1867, 85]. **ADBMS** [1260]. **Adder** [931]. **Adding** [951]. **Additive** [1788, 850, 193]. **Address** [876]. **Adequacy** [720]. **adequate** [1882]. **Adic** [308]. **Adjusting** [2302]. **Administrations** [2103]. **Administrative** [1468]. **Admission** [1003, 2034]. **Adoption** [1395]. **Advance** [2012, 2013, 2014]. **Advanced** [770, 338, 903, 1608, 1618, 1978, 930]. **Advances** [694]. **Advancing** [2203]. **Adversary** [1121]. **Advice** [536]. **Affine** [154, 622, 633, 695]. **after** [2126]. **Against** [1121, 292, 2065, 750]. **Age** [1005]. **Agency** [454]. **Agent** [1281, 1160, 102, 91, 99, 1470, 1397, 100, 1441, 1450, 1508, 1472, 786, 1416, 96, 472, 1614, 1509, 2107, 1452, 1458]. **Agents** [1449, 98, 1280, 1507, 94, 1645, 576, 117, 93]. **Agglomerative** [2123]. **Aggregates** [1782]. **Aggregating** [1889]. **Agreement** [755, 1421, 1450, 1110, 2265, 2249]. **Agricultural** [1592]. **AI** [2215, 785]. **Aid** [717, 1057]. **Aided** [292, 2209, 2078, 293, 2244]. **Aiding** [1453, 1836]. **aimed** [1844]. **Aircraft** [1626, 896, 1834]. **Airport** [896]. **Algebra** [370, 1664, 672, 119, 665, 285, 2151, 122, 105]. **Algebraic** [458, 1050, 1322, 1669, 476, 196, 108, 1537, 1929, 1823, 120, 2132]. **Algebras** [1910, 205]. **Algorithm** [47, 968, 177, 1147, 2037, 1138, 889, 1415, 757, 127, 2272, 2298, 16, 158, 1730, 2230,

1419, 2220, 1510, 671, 1124, 2281, 1985, 56, 952, 826, 1739, 941, 915, 2260, 1733, 26, 1920, 301, 131, 1697, 173, 190, 192, 62, 628, 1737, 683, 195, 1726, 1096, 686, 1523, 2204, 2187, 300, 1712, 1448, 186, 21, 637, 106, 2177, 2148, 1445, 1993, 1511, 178, 1894, 1696, 878, 668, 1461, 261, 1526, 2211, 1113, 710, 2160, 1524, 2035, 599, 1790, 82, 1807, 1789, 73, 1581, 1882, 83, 1811, 387]. **Algorithmic** [1666, 1671, 1127, 139, 1695, 52]. **Algorithms** [812, 327, 53, 1104, 42, 1084, 2165, 2158, 1741, 2003, 665, 54, 1156, 1038, 1720, 156, 383, 408, 33, 1401, 1126, 240, 39, 2010, 157, 1150, 1095, 391, 189, 38, 1137, 853, 1893, 1895, 2241, 69, 756, 1667, 1039, 333, 121, 787, 444, 1517, 1151, 1673, 1683, 1518, 2282, 1152, 137, 2007, 199, 1111, 1731, 1937, 78, 1305, 81, 89, 1864, 79, 80]. **Aliasing** [823]. **alibi** [155]. **Alignment** [1531]. **Alignments** [68]. **All-Pairs** [2304, 1096]. **Allocation** [1769, 1222, 1131, 465, 1284, 1283]. **Allow** [1372]. **Almost** [671, 1718, 539]. **along** [587]. **Alphabet** [1696]. **Alphanumeric** [2193]. **Alternating** [153, 180, 1685]. **Alternative** [449, 1627]. **Always** [1718]. **Ambiguities** [1952]. **Ambiguity** [1032]. **Amdahl** [1728]. **Among** [94, 1513, 93]. **Amortization** [48]. **Amount** [2189]. **Analogical** [1581]. **Analogue** [2259, 2265, 1864]. **Analogy** [1407, 1848]. **Analyse** [556]. **Analyses** [1681, 2062]. **Analysis** [140, 647, 1270, 1008, 1271, 2027, 854, 1004, 798, 2253, 1140, 608, 1378, 818, 711, 833, 829, 1219, 667, 305, 1372, 1007, 831, 1221, 1222, 1009, 1223, 1003, 453, 189, 1224, 792, 706, 2212, 1225, 853, 433, 3, 879, 1190, 598, 1227, 1188, 880, 1545, 2234, 1123, 1768, 895, 2277, 443, 1929, 892, 615, 629, 1232, 1966, 1234, 1511, 790, 253, 1934, 1005, 1353, 2201, 1148, 1235, 997, 1284, 1370, 268, 898, 2245, 2246, 1328, 1655, 87, 1312, 1307, 1855]. **Analytic** [2058]. **Analytical** [882, 1380, 700, 2120]. **Analyzers** [1214, 1236, 1237]. **Analyzing** [1011, 2242, 336]. **Anchored** [2308]. **And-** [410]. **And-parallelism** [411]. **AND/OR** [545]. **ANDF** [441]. **Angel** [971]. **Angles** [811]. **Animating** [1970]. **Animation** [2248, 2215]. **Anisotropic** [625]. **Anisotropy** [904]. **Annealing** [1134, 1151, 1518, 79, 80]. **Announcement** [1638]. **Anomalies** [1154]. **Anonymous** [560]. **Ant** [1512]. **Ants** [90]. **anytime** [1882]. **anytime-algorithm** [1882]. **Aperture** [698]. **API** [2042]. **ApOFIS** [872]. **Apparatus** [2032]. **Appearance** [1529]. **Appearance-Based** [1529]. **Applicability** [1138]. **Application** [1626, 995, 48, 798, 1821, 608, 1519, 1741, 830, 2122, 1819, 2072, 1320, 176, 510, 983, 902, 727, 940, 1892, 154, 2075, 1971, 1043, 1123, 290, 181, 1885, 1526, 72, 1850]. **Application-Specific** [940]. **Applications** [188, 328, 1075, 1812, 57, 1938, 1758, 1026, 1145, 1050, 434, 1265, 1016, 1018, 948, 1693, 766, 1981, 867, 932, 598, 374, 302, 555, 1971, 2256, 1768, 993, 764, 1527, 1774, 335, 2024, 2036, 34, 590, 992, 991, 2086, 129, 943, 2035, 1877, 1345]. **Applied** [1594, 2076, 1256, 1039]. **Applying** [2163, 901]. **Approach** [1551, 812, 1239, 1990, 1048, 1482, 1394, 1769, 813, 2069, 102, 13, 592, 2238, 608, 1099, 470, 1611, 882, 100, 1449, 1421, 1450, 1483, 1488, 1587, 577, 1454, 1896, 1499, 654, 2084, 2109, 556, 1254, 1409, 1777, 1465, 809, 688, 3, 2221, 2116, 2105, 519, 1939, 8, 1119, 2190, 1070, 1958, 1412, 978, 405, 2191, 794, 1522, 1610, 1149, 2087, 713, 800, 1213, 1025, 682, 133, 2040, 1398, 1844, 1317, 1837, 1880, 85, 1856, 74, 1830]. **Approaches** [1938, 369, 948, 761, 71]. **Appropriate** [1342]. **Approximability** [544, 1988]. **Approximate** [1116, 1004, 1421, 1009, 620, 1723, 1106, 2058]. **approximately** [1583]. **Approximating** [1708, 2003, 31, 1114, 1208]. **Approximation** [63, 185, 2293, 1143, 125, 1137, 308, 1643, 64,

688, 1712, 846, 1993, 1112, 1696, 638, 199, 1113, 1111, 972, 1852, 1792, 2315]. **Approximations** [1709, 1710, 541, 2059, 1801]. **Arabic** [2239, 2240, 877]. **Arbitrary** [550, 563, 2021, 1192, 2179]. **Arboricity** [2282]. **Arc** [1394, 427, 1704, 1866]. **Architectural** [360, 100, 1043]. **Architecture** [1075, 1051, 363, 1890, 885, 942, 1441, 1594, 357, 1374, 2020, 1978, 2044, 731, 1588, 92, 1299, 1675, 906, 2188, 78, 2135]. **Architecture-** [2020]. **Architectures** [461, 355, 1620, 356, 340, 466, 950, 945, 1017, 341, 1416, 1366, 1624, 1148, 2314]. **Architecturing** [1385]. **Arcs** [649]. **Area** [784, 2267]. **Areal** [1331]. **Argument** [1403]. **Argument-Based** [1403]. **Arguments** [228, 312, 1403, 52]. **Arising** [1695]. **Arithmetic** [327, 113, 962, 532, 1213, 1797, 1807]. **Arithmetical** [2311]. **Arrangement** [177, 829]. **Arrangements** [34]. **Array** [810, 455, 433, 1190, 644, 1524]. **Arrays** [946, 430, 923, 1190, 2048]. **Arrival** [997]. **Arrive** [32]. **Art** [1692, 1754, 769, 1665]. **Artifacts** [1968, 1428]. **Artificial** [1396, 473, 1428, 1157, 815, 1658]. **Ask** [972]. **Aspect** [1775, 2237]. **Aspects** [1600, 1024, 1913]. **Assertion** [2081]. **Assertions** [987]. **Assessing** [1379]. **Assessment** [1434, 1002, 935, 1866]. **Assets** [2074]. **Assignment** [1216, 1740, 1132, 1133, 559]. **Assistant** [1074]. **Assisted** [831, 2208, 2212, 1298, 1304]. **Associative** [503, 333, 1885]. **Associative-Commutative** [503]. **ASTERIX** [1594]. **Asteroidal** [55, 1114]. **ASTRAL** [1363]. **Astronomical** [942, 834]. **Asymmetric** [298]. **Asymptotically** [542]. **Asynchronous** [325, 1154, 2310, 1225, 756, 2288, 269, 956, 163, 1312]. **ATM** [1622, 2042, 1595, 1594, 1120, 1003, 1604, 2020, 1625]. **Atomic** [1408, 745, 1619]. **attack** [1793, 1794]. **Attacks** [292, 305, 2258]. **Attention** [1446]. **Attentive** [1494, 707]. **Attributed** [798, 2192, 1207]. **Attributes** [699, 1365, 2110, 2186]. **Atypical** [1171]. **Audio** [2027, 2026, 2028]. **Augmentation** [1724, 1119, 1117]. **Augmented** [554]. **Authenticated** [755]. **Authentication** [289, 154, 290, 2267]. **Author** [324]. **Authoring** [1692]. **Authorization** [2082, 1965, 1966]. **Autocorrelation** [1343]. **Automata** [326, 287, 536, 385, 724, 1638, 1641, 567, 392, 575, 192, 2310, 573, 398, 620, 1556, 531, 401, 1815, 1649, 264, 1685, 1213, 1562, 1312, 2050, 1316]. **Automata-Theoretic** [1213]. **Automated** [670, 903, 1167, 2317, 876, 1750]. **Automatic** [2231, 905, 828, 987, 1632, 874, 1473, 818, 921, 679, 439, 946, 431, 246, 1530, 1176, 777, 4, 217, 479, 2190, 1468, 2242, 1429, 1448, 623, 2243, 649, 1302, 599, 2060, 1870]. **Automatically** [717, 110]. **Automation** [276, 727]. **Automaton** [2148]. **Automaton-Driven** [2148]. **Automotive** [791]. **Autonomous** [1160, 2174, 1497, 1492, 1496, 94, 472, 1513, 1490, 2171, 93, 1615]. **Autotransformation** [337]. **Average** [1722, 1090, 1701, 1245, 2295, 169, 1855]. **average-case** [1855]. **Aversion** [1032]. **AVL** [1818]. **Avoidance** [672]. **Avoiding** [698, 1678, 1224]. **avoids** [73]. **Axiomatisations** [263]. **Axiomatising** [279]. **Axiomatization** [2290]. **Axis** [1736, 39].

B [57, 2235, 1627, 2179]. **B-ISDN** [1627]. **B-Spline** [2235, 2179]. **B-Trees** [57]. **Back** [445, 573]. **Back-Propagation** [445]. **Backprojection** [643]. **Backpropagation** [1447, 2234]. **Backtracking** [1152]. **Balance** [2302]. **Balanced** [29, 1787]. **Balancing** [752, 28, 1146, 1526, 1108]. **Band** [2159]. **Bandwidth** [1114, 414]. **Bank** [2189]. **Bars** [404]. **Base** [116, 1456, 1956, 1835]. **Based**

[1055, 860, 140, 1505, 1238, 1239, 2082, 1965, 1075, 1048, 813, 2069, 2000, 802, 318, 1968, 894, 1916, 814, 1053, 1173, 119, 1443, 1547, 1974, 1494, 2158, 2233, 1339, 675, 2235, 1536, 1449, 671, 1243, 2073, 1252, 1441, 651, 921, 1488, 778, 1781, 2072, 372, 989, 1253, 2068, 1896, 839, 962, 1351, 1373, 240, 915, 1222, 1892, 881, 2170, 2063, 777, 2017, 2208, 1254, 2212, 1255, 308, 805, 2250, 824, 809, 853, 957, 1393, 1467, 2221, 2261, 1293, 2075, 1256, 613, 1543, 1513, 1060, 2105, 2259, 1606, 2204, 849, 919, 2195, 1980, 151, 897, 1623, 2077]. **Based** [645, 1299, 815, 2071, 846, 913, 642, 1760, 1411, 1246, 793, 978, 1774, 615, 1211, 1165, 593, 2024, 1161, 2191, 264, 1529, 1249, 1427, 1466, 1628, 1367, 239, 1550, 199, 1403, 522, 856, 650, 1250, 710, 2247, 2160, 1025, 1654, 1259, 438, 1656, 2240, 1937, 616, 2274, 1834, 1844, 1845, 1865, 1846, 1867, 13, 1847, 311, 1869, 1872, 1873, 1875, 1876, 1618, 1851, 1852, 2078, 1878, 2051, 1879, 1889, 1838, 2128, 1841, 1807, 429, 1857, 1881, 1859, 1800, 83, 1860, 668, 1884, 120, 79, 80, 2042, 920, 922, 927, 935, 912, 451, 934, 1476, 1588]. **Bases** [1162, 1775, 1244, 148, 1951]. **Basic** [386, 2139, 1981, 1877, 1971, 842, 2136]. **Basis** [1674, 1764, 176, 2152, 2190, 1247, 298, 1570]. **Batch** [2287]. **Baum** [668]. **Bayesian** [884, 2162, 644, 687, 855]. **BDDs** [1670]. **Be** [66, 981, 266, 1301, 1728]. **Beam** [2212]. **Beast** [2065, 1279]. **Beauty** [2065]. **Behavior** [1265, 1944, 2090, 2092]. **Behaviors** [1160, 1490]. **Behaviour** [1271, 1264, 2068, 92, 2297, 1525]. **Behavioural** [2215, 260, 1001, 2089, 87]. **Behaviours** [90]. **behind** [1665]. **Belief** [1389, 1431, 1489, 2200, 1488, 530]. **Belief-Goal** [1489]. **Beliefs** [101]. **Believers** [1507]. **Believing** [1506]. **Belnap** [1484]. **Benchmark** [1279]. **Benchmarking** [1036]. **Benefits** [1593, 416]. **bent** [1787]. **Best** [300]. **Better** [1191, 1761, 1152, 175]. **Between** [1753, 745, 517, 1244, 411, 1402, 272, 765, 1598, 1619, 604]. **Betweenness** [1099]. **Beyond** [1699, 1088, 1234]. **Bicoercibility** [2290]. **Biconnectivity** [1095]. **Bicriteria** [1988]. **Bidirectional** [449]. **Bigloo** [1233]. **Bill** [1072, 10]. **Binarization** [865]. **Binary** [1703, 2302, 2298, 2002, 1101, 651, 1786, 691, 1105, 2097, 655, 2146, 2268, 1577]. **Binary-Decision** [1703]. **Binding** [1219, 1195, 1229, 1235]. **Binding-Time** [1219, 1229, 1235]. **Binomial** [1123]. **Biology** [198]. **Bioreactors** [626]. **Bisection** [1088, 2001]. **Bisimilarity** [2299, 251]. **Bisimulation** [272, 563, 568, 1727, 2055]. **Bisimulations** [284]. **Bit** [1773, 2044, 632, 2049, 937]. **Bit-Rate** [632]. **BIT-Serial** [937]. **Bit-Sliced** [1773]. **Bitemporal** [1917]. **bitvector** [2062]. **Bivariate** [176]. **Blackboard** [1416]. **Bladder** [885]. **Blind** [648]. **Block** [860, 2250, 1790, 1800, 1810]. **Blocking** [745]. **Blocks** [1971]. **Blood** [2212]. **Blue** [879]. **Blue-Print** [879]. **Board** [929, 1840]. **Boards** [939, 912]. **Body** [1541, 442]. **Body-Centered** [1541]. **Bolts** [1738]. **Bond** [903]. **Boolean** [1505, 525, 1482, 1310, 1787, 1999, 172, 122, 545, 1726, 241, 404]. **Boosting** [462]. **Boot** [592]. **Boot-Strapping** [592]. **Boppana** [186]. **Boppana-Halldorsson** [186]. **Borderline** [1402]. **Both** [1722, 275]. **Bottleneck** [2296]. **Bottom** [2285]. **Bottom-Up** [2285]. **Bound** [1156, 1154, 2280, 1088, 190, 154, 2232, 982, 1155, 1747, 553]. **Boundaries** [649, 236]. **Boundary** [364, 848, 638]. **Boundary-Value** [364]. **Bounded** [25, 1110, 294, 547, 1107, 532, 1649]. **Bounds** [243, 67, 552, 425, 25, 1702, 2041, 537, 544, 797, 303, 1132, 414, 551, 186, 532]. **Box** [394, 1802]. **boxes** [1791]. **Boyer** [1303]. **Brain** [827, 828, 2211, 832]. **BRAM** [400]. **Branch** [1156, 1154, 2280, 190, 982, 1155]. **Branch-and-Bound** [1156, 1155].

Branching [278, 553]. **Branchings** [2298]. **Break** [298]. **Breast** [829]. **Bridging** [527]. **Brightness** [891]. **Broadband** [1611, 1605]. **Broadcast** [747, 2250, 1513, 178]. **Broadcasting** [177, 754, 284, 179]. **Browser** [502]. **Bruijn** [1181]. **BSP** [1084]. **Bucket** [290]. **Budget** [182]. **Buechi** [2310]. **Buffer** [53, 997]. **Buffers** [1107]. **Build** [2123, 474]. **Building** [1746, 1397, 1530, 1015, 1971, 288, 1259, 1839, 85]. **Built** [507, 936, 1382]. **Built-in** [507]. **Burst** [2043]. **Business** [1358, 2102, 2101]. **Buy** [1759]. **Byzantine** [754, 755, 756].

C [111, 2126, 1594, 805, 479]. **Cache** [428, 1299, 429, 1302]. **CAD** [1036, 910, 782]. **Calculation** [347, 58, 2205]. **Calculus** [1408, 375, 504, 1631, 1916, 1415, 1183, 258, 286, 2167, 371, 577, 252, 372, 2149, 2289, 1552, 284, 279, 1181, 394, 122, 255, 969, 569, 714, 251, 1184, 1230, 1560, 1232, 1325, 575, 2053, 576, 83]. **Calibration** [1767, 698, 676, 838, 634, 633, 2243, 695]. **Call** [517, 1229]. **Call-By-Name** [1229]. **Call-by-Need** [517]. **Camera** [2217, 676, 633, 712]. **Cameras** [674]. **Can** [90, 1903, 2070, 1672, 981, 2030, 1581, 1015]. **CAN-Simulator** [1015]. **Cancer** [2208]. **Canonical** [513]. **Can't** [1759]. **cap** [168]. **Capacities** [102, 50]. **Capacity** [37, 997]. **CAPITL** [1742]. **Capturing** [2068, 1031, 222]. **Carcinoma** [885]. **Card** [1258]. **Cardiological** [886]. **Carriers** [1056]. **carry** [1796]. **Cartesian** [519]. **Cartographic** [1331]. **Cascades** [299]. **Case** [1055, 1238, 1239, 2069, 2065, 1833, 2073, 1252, 2067, 1869, 1483, 2072, 1831, 1253, 2068, 240, 491, 2064, 1849, 1818, 1851, 2063, 1254, 1701, 1088, 1255, 2078, 1879, 1244, 2075, 1256, 1257, 1841, 2077, 645, 429, 2071, 1246, 1247, 1624, 1249, 2120, 1360, 1250, 1259, 1834, 1844, 1845, 1865, 1846, 1867, 1835, 1847, 1870, 1872, 1873, 1875, 1876, 1852, 1853, 1838, 1855, 1857, 1881, 1859, 1860, 2105]. **Case-Based** [1055, 1238, 1239, 2069, 2073, 1252, 1253, 2068, 240, 1254, 1255, 2075, 1256, 2077, 2071, 1246, 1249, 1250, 1259, 1869, 2078, 1879, 1841, 1844, 1845, 1865, 1846, 1867, 1847, 1872, 1873, 1875, 1838, 1857, 1881, 1859, 1860]. **Cases** [1240, 1241, 1406, 1722, 2074, 1856, 1248, 1866, 1847, 1839, 1854, 1882, 1861]. **Cash** [322, 1879]. **Catastrophic** [1715]. **Categorial** [1414, 390]. **Categorical** [215]. **Categorically** [2297, 1326]. **Categories** [519, 1447, 1559, 2118]. **Categorisation** [2123]. **Category** [380]. **Catenation** [395]. **Causal** [1344, 1487, 1011, 1474, 1498, 2291, 1849]. **Caused** [1952]. **Cavity** [361]. **Cayley** [381, 165, 561]. **CBR** [1251, 1868, 1837, 2076, 1850, 1853, 2075, 1880, 2070, 1842, 1883]. **CCP** [972]. **CCS** [2300]. **CDL** [341]. **CDMA** [2277]. **Cell** [639, 826, 1832, 626, 869]. **Cells** [670, 829]. **Cellular** [325, 328, 385, 331, 332]. **Cellular-Neural** [328]. **Census** [489]. **Center** [26]. **Centered** [1332, 1541, 1428]. **Centric** [2016]. **Centroid** [1116]. **Century** [1027]. **CERN** [1772]. **Certain** [1988]. **Certificates** [1083, 1095, 2263]. **Chain** [1120, 2197]. **Chains** [1006]. **Challenge** [1542]. **Challenges** [1765, 1692, 475]. **Change** [1044, 2111, 1499, 1474, 1172, 1686, 1170]. **Changed** [353]. **Changes** [2088, 1779]. **Channel** [272]. **Channels** [2266, 2259]. **Chaos** [1672]. **Character** [703, 679, 2193, 2192, 2190, 661, 2188, 877]. **Characterisation** [510]. **Characterising** [260]. **Characteristic** [2198, 1173, 1564]. **Characteristics** [1332, 1800]. **Characterization** [802, 1401, 196]. **Characterized** [1443]. **Characterizing** [212, 1473]. **Characters** [883, 2207, 878, 2240, 1937]. **Charging** [1598]. **Chart** [1426]. **Cheap** [562].

Cheater [320]. **Check** [2189, 2056]. **Checker** [1361]. **Checkers** [1558]. **Checking** [968, 1394, 2313, 1684, 1215, 249, 276, 1320, 273, 278, 250, 373, 574, 251, 248, 737, 1317, 2059, 1301, 2053, 2050, 2056, 2315]. **Checks** [1224, 2258]. **Chemical** [1056, 1497]. **Cheques** [2263]. **Chess** [90, 1255, 1870, 1877]. **Chest** [2209]. **Chinese** [2192, 2188]. **CHIP** [992]. **Choice** [285, 969]. **Choices** [481, 2249]. **Cholesky** [1147]. **Chomsky** [395]. **Choosing** [591]. **Chord** [1698]. **Chordal** [2009]. **Chorus** [1911]. **Chromatic** [48, 168]. **Chu** [1680]. **chunking** [1870]. **Church** [2271, 151, 521]. **CICERO** [1074]. **CIM** [771, 777, 766, 786, 779, 785, 789, 781, 1081, 764, 784, 790, 768]. **CIM-Laboratory** [790]. **CIM-Structures** [784]. **cipher** [1794, 1790]. **Ciphering** [915]. **Ciphers** [2258, 1795, 1800, 1810]. **Circle** [155]. **Circuit** [1090, 724, 2135]. **Circuits** [243, 82, 1312, 1303, 1311]. **Circular** [427, 635, 1484, 649]. **Circumnavigating** [2174]. **City** [1346]. **Class** [187, 19, 1028, 1306]. **Classes** [535, 760, 185, 537, 1179, 222, 539, 1579, 1583, 1576]. **Classical** [204]. **Classification** [639, 1890, 2220, 1401, 234, 240, 950, 1962, 809, 646, 879, 897, 816, 694, 1258, 15, 623, 1399, 603, 2246, 693, 1861]. **Classifier** [1469, 1245, 661, 1855]. **Classifiers** [801, 658, 2239]. **Classifying** [235]. **Classroom** [1031]. **ClearCase** [1755]. **Clepsydra** [470]. **Clifford** [672]. **Climbing** [2311]. **Clipper** [302]. **Clipper-like** [302]. **Clique** [2009]. **Clock** [1784]. **Clock-controlled** [1784]. **Closed** [1732, 112, 636, 2218, 519, 637, 861, 1579]. **Closer** [1396]. **Closest** [131]. **Closing** [627]. **Closure** [1097, 1227, 135]. **Cloud** [894]. **CLP** [962, 983, 964, 990]. **Cluster** [2204, 406]. **Cluster-Based** [2204]. **Clustered** [126, 1098]. **Clustering** [827, 13, 1443, 1038, 2085, 1737, 598]. **Clusters** [2309, 348]. **Cluttered** [631]. **CM** [1761, 1762]. **CML** [566]. **Co** [2069, 1619]. **Co-Operative** [2069]. **Co-ordinate** [1619]. **Coal** [2224]. **Coalgebra** [1557]. **Coalition** [94, 93]. **Cocomparability** [1707]. **Code** [813, 949, 1217, 431, 488, 354]. **Codebook** [889]. **Coded** [2021]. **Codes** [2266, 2251, 2278, 2272, 2255, 2260, 154, 2261, 58, 2271, 2252, 148, 2267, 2274]. **Codesign** [928]. **Codifying** [1553]. **Coding** [2170, 1697, 932, 2232, 890, 632, 888, 2273, 2267, 2197, 1807]. **Coefficients** [2006, 937]. **Coercions** [114]. **Cognition** [1350]. **Cognitive** [1470, 1487, 1423, 1449, 667, 1496, 1340, 1460, 1867, 1883]. **Cograph** [379]. **Coherence** [519, 429, 1302]. **Coherency** [428]. **Coin** [313, 173]. **Coincidence** [268]. **Collection** [1295, 1291, 1285, 1293, 1296, 1294, 1192, 1298, 1290, 1286]. **Collections** [1942]. **collective** [75]. **Collector** [1288, 1287, 753, 1297]. **Collision** [2225, 672]. **Collisions** [1492]. **Collusion** [323]. **Collusion-Secure** [323]. **Colony** [1512]. **Color** [795, 879, 2201, 713, 2091]. **COLOR-X** [2091]. **Coloring** [1995, 1115, 1667]. **Colorings** [1731, 146]. **Colour** [820]. **Colourability** [2283, 1993]. **Coloured** [150, 1654]. **Combination** [973, 1432]. **combinations** [1570]. **Combinatorial** [1510, 1672, 1151, 1461, 985, 336]. **Combinatory** [1415, 2153]. **Combined** [1008]. **Combining** [868, 719, 119, 675, 1962, 107, 2050, 1545, 1037, 761, 2285, 1857]. **combustion** [1842]. **Come** [1395]. **Comer** [2180]. **Commercial** [1761, 1768, 1527]. **Commitment** [745, 294, 1357, 956]. **Committed** [296]. **Common** [40, 707]. **Communicating** [1551, 2060]. **Communication** [524, 2039, 1129, 744, 2038, 1021, 2000, 1519, 457, 1090, 339, 1783, 445, 1608, 343, 2226, 2020, 394, 1600, 1225, 182, 551, 334, 887, 1623, 1607, 349, 178].

Communications [439, 773]. **Commutative** [503, 386, 867]. **Commutativity** [1960, 114]. **COMOGA** [1522]. **Compact** [2010, 182]. **Compaction** [440, 1289, 1313]. **Comparative** [1832]. **Compared** [657, 953]. **Comparing** [535, 219, 198, 2152, 1518]. **Comparison** [1281, 1433, 1620, 1908, 2233, 1244, 333, 1249, 790, 693]. **Comparisons** [1721, 1845, 2279]. **Compelling** [1407]. **Compensation** [823]. **Competitive** [42, 1699, 2029, 74, 173]. **Compilation** [989, 341, 479, 1276, 441, 1964]. **Compile** [1285, 1192, 1013]. **Compile-Time** [1285, 1013]. **Compiler** [925, 2138, 964, 448, 1233, 1828]. **Compilers** [438]. **Compiling** [1063, 924, 923]. **Complementary** [1287]. **Complementation** [1218]. **Complements** [59]. **Complete** [951, 1737, 1184, 259, 125, 544, 547]. **Completeness** [418, 2161]. **Complex** [835, 13, 1536, 1274, 1535, 2096, 1066, 1550, 2081, 1846]. **Complexity** [1666, 1708, 1703, 540, 2299, 380, 1090, 206, 31, 582, 526, 220, 529, 557, 543, 1701, 1988, 518, 278, 208, 2307, 222, 374, 1400, 551, 2259, 2152, 1525, 1576, 1715, 93, 129, 124, 1579, 2314]. **Component** [1383, 1277, 1076]. **Components** [1383, 1196, 2242, 137, 784, 1315]. **Comportment** [1188]. **Composing** [232, 1483]. **Composite** [1454, 1939]. **Composition** [570, 1064, 2188]. **Compositional** [249, 250, 264]. **Compound** [997]. **Comprehension** [1190]. **Comprehensions** [1190]. **Compressed** [1773, 2303]. **Compression** [651, 1300, 2232, 467, 822, 2056]. **Computable** [733, 169]. **Computation** [337, 984, 296, 588, 586, 445, 50, 517, 932, 432, 396, 293, 221, 632, 2154, 2288, 1100, 2258, 1662, 52, 533, 664, 76]. **Computation/Communication** [445]. **Computational** [1666, 1519, 205, 206, 1449, 408, 1428, 1141, 1668, 529, 557, 1693, 208, 2015, 1688, 1334, 1354, 92, 1174, 349, 75]. **Computations** [325, 326, 328, 1144, 1089, 116, 1136, 414, 123, 135]. **Compute** [1903, 402]. **Computer** [1682, 1968, 1657, 119, 847, 2209, 917, 1758, 675, 667, 1918, 831, 1150, 2215, 2170, 2208, 2212, 1255, 2078, 999, 708, 332, 773, 444, 1537, 895, 354, 978, 909, 1080, 1935, 105, 2244, 2222, 358, 2139, 2125, 2314, 2135, 83]. **Computer-Aided** [2209, 2078]. **Computer-Assisted** [2212]. **Computer-Based** [1968]. **Computers** [2158, 445, 2207, 364, 351, 1306]. **Computing** [1698, 35, 1912, 1730, 415, 55, 1110, 368, 2308, 989, 176, 1175, 389, 41, 529, 1669, 107, 741, 2017, 40, 2309, 742, 45, 1660, 913, 1673, 1719, 934, 1658, 1935, 133]. **Concatenated** [2274]. **Concentration** [626]. **Concept** [1505, 2069, 1473, 1442, 1475, 709, 3, 1165, 1391, 842, 1503, 1583]. **Concepts** [1338, 1819, 1045, 1981, 1614, 1607, 790, 1080]. **Conceptual** [10, 2123, 13, 2134, 2108, 16, 1494, 19, 2098, 11, 18, 17, 12, 2101, 2097, 6, 1456, 21, 5, 15, 1485, 103, 9, 23, 20]. **Conceptualizations** [1348]. **Concerning** [401]. **Concrete** [1557]. **Concurrency** [274, 1078, 1960, 2152, 441]. **Concurrent** [375, 2284, 329, 345, 1216, 783, 989, 281, 1225, 1754, 969, 2154, 282, 1680, 2153, 986, 1367, 1209, 2164, 1297, 1317]. **Condensation** [1630]. **Condition** [1278, 2283]. **Conditional** [1495, 1433, 506, 512, 514, 520]. **Conditions** [1432, 2104, 485]. **Condorcet** [382]. **Cone** [2212]. **Cone-Beam** [2212]. **Conf** [1073]. **Conferencing** [2036]. **confident** [1582]. **Configurable** [99, 911, 909]. **Configuration** [1743, 1590, 1603, 1753, 1772, 1744, 1467, 1748, 1754, 1760, 1747, 2036, 1756, 1763, 1750, 1368]. **Conflict** [517, 1513, 1933]. **Conflictfreeness** [1764]. **Conflicting** [1432]. **Conflicts** [2115].

Confluence [507, 512, 262]. **Confluent** [969, 975]. **Confocal** [2202]. **Congestion** [468]. **Congruences** [564, 260]. **Conics** [673]. **Conjecture** [2255]. **Conjectures** [210, 1575]. **Conjunctive** [132]. **Connected** [2158, 137]. **Connecting** [336]. **Connection** [2038, 1339, 1594, 1003]. **Connectionist** [1886, 1393, 1880].
Connectionist/Symbolic [1393]. **Connectionless** [1018]. **Connections** [2013, 1643]. **Connectivity** [1083, 1724]. **Connects** [1334]. **coNP** [125]. **Conscious** [1941]. **Consciousness** [1198]. **Consensus** [745, 141, 1042]. **Consequences** [210]. **Conservative** [157]. **Considerations** [232]. **Consistency** [1394, 965, 2293, 1488, 954, 1019, 2291, 2081, 225]. **Consistent** [639, 1633, 2122, 2090, 280]. **Constancy** [713]. **Constant** [841, 1709, 1275, 759, 2044, 221]. **Constant-Space** [221]. **Constrained** [752, 2198, 128, 1139, 1137, 961, 2034, 2184, 1522, 1149, 1103]. **Constraining** [699]. **Constraint** [973, 1482, 988, 1202, 976, 1414, 1274, 989, 962, 959, 958, 220, 979, 1640, 954, 957, 64, 1467, 96, 969, 1178, 1924, 963, 980, 982, 993, 978, 1208, 986, 1521, 953, 1209, 2164, 991, 1392, 985, 956, 974, 1656, 1566, 1876, 2051, 1858]. **Constraint-Based** [1467, 978, 1656].
Constraint-Programming [980]. **Constraint-satisfaction** [1482]. **Constraints** [973, 609, 194, 788, 2293, 952, 2021, 1162, 196, 967, 182, 2154, 1525, 1093, 1276, 1460, 901, 977, 2089, 118, 578, 1213, 1573]. **Construct** [1992, 2081]. **Constructing** [988, 142, 1645, 1463, 1444, 1326]. **Construction** [150, 1821, 1722, 1473, 2073, 1787, 147, 1125, 397, 44, 242, 1411, 1628, 1269, 1979, 1824, 1169, 2138]. **Constructions** [751, 2278, 1552, 567, 2274]. **Constructive** [971, 206]. **Constructivist** [102]. **Constructor** [1179, 520]. **Constructor-Sharing** [520]. **Consumer** [977]. **Consumers** [1191]. **Contact** [698, 712]. **Containing** [833, 1953]. **Containment** [132, 1316]. **Content** [1454, 2064, 670]. **Contex** [1923]. **Contex-Sensitive** [1923]. **Context** [554, 563, 386, 556, 8]. **Context-Free** [554, 563, 386]. **Contexts** [1551, 18, 7, 1386, 1267, 1]. **Contextual** [901]. **Contextuality** [1480]. **contiguity** [81]. **Contiguous** [393]. **Continuous** [1512, 1632, 2019, 2049, 1387, 1647, 2035]. **Contour** [656, 843, 637, 2236]. **Contours** [828, 875, 602, 851, 636, 587, 2179]. **Control** [2225, 914, 1630, 2046, 1078, 1636, 1637, 1772, 1223, 256, 2215, 1892, 772, 1589, 932, 1643, 1645, 1296, 896, 2116, 1509, 1412, 1648, 1617, 1647, 1891, 712, 1652, 468, 769, 239, 943, 2023]. **Control-Flow** [1223]. **controllable** [1791]. **Controlled** [1399, 1784]. **Controller** [1629, 1652]. **Controllers** [940, 1895, 1644, 1656]. **Controlling** [2218, 114, 1257]. **Convergence** [752]. **Conversations** [100]. **Conversion** [1931]. **Conversions** [736]. **Convert** [2196]. **Convex** [812, 31, 30, 2196]. **Convexity** [161, 1339]. **COO** [1753]. **Cooperating** [117]. **Cooperation** [99, 95, 897]. **Cooperative** [1160, 1280, 1753, 1018, 1778, 1080]. **Coordinated** [96]. **Coordinates** [594]. **Coordination** [362, 412, 1751, 1509, 746]. **Cope** [314, 1820]. **copies** [1571]. **Coplanar** [673]. **Coprocessor** [460, 465]. **Copy** [2020]. **Coq** [1560]. **CORBA** [1609]. **Core** [1505, 1920]. **Cornell** [1642]. **Corners** [610]. **Corporate** [2122]. **Correct** [1812, 1826, 1813]. **Correcting** [2278]. **Correction** [2322]. **Correctness** [1194, 2148]. **Correlation** [1803, 2258, 1793]. **Correspondence** [2175]. **Correspondences** [2199]. **Corrosion** [646]. **Cortical** [816]. **COs** [1598]. **Cosine** [933]. **Cost** [1767, 744, 1835, 808, 1034, 2007, 359].

Costly [51]. **Costs** [1021, 1593, 1783, 416]. **counter** [1562]. **Counterfeit** [173]. **Counterflow** [731]. **Counting** [535, 159, 1593, 1983]. **countries** [1841]. **Coupled** [556, 1329]. **Coupled-Context-Free** [556]. **Course** [498, 2136, 2128]. **Courtesy** [2189]. **Covariance** [847]. **Covering** [651]. **Covers** [361, 345]. **Cow** [2281]. **Cow-Path** [2281]. **CPA** [1307]. **CPS** [1229]. **CPS-Translation** [1229]. **CPU** [994, 2035]. **CPUs** [999]. **Crack** [904]. **Craig** [142]. **Creating** [2207]. **Creation** [917]. **Credit** [1258]. **Crest** [611]. **Crew** [979]. **Criterion** [1244]. **Critical** [1909, 1283]. **CritiGUI** [1980]. **Critique** [2070]. **Crop** [615]. **Cross** [1354, 160]. **Cross-3-intersection** [160]. **Cross-Linguistic** [1354]. **Crossover** [1893]. **CRP** [1651]. **Cryptanalysis** [321, 310, 301, 308, 307, 1809, 1804, 2276, 1802, 1795, 1801, 1800]. **Cryptographic** [2082, 720, 1788]. **Cryptographical** [210]. **Cryptography** [2262, 2273, 1805]. **Cryptology** [2267]. **Cryptosystem** [151]. **Cryptosystems** [318, 304]. **CSCW** [1071, 2109]. **CSD** [937]. **CSP** [955, 2056]. **CSPs** [966]. **CSYN** [925]. **CT** [2212, 337]. **CTR** [286]. **Cube** [423, 2176]. **Cubic** [127, 2007]. **Cultural** [1346, 1350]. **Curriculum** [2078, 2129]. **Currying** [143]. **Cursive** [875, 2197]. **Curvature** [803]. **Curve** [886, 1124, 582, 291, 2265]. **Curved** [802, 1532, 1535]. **Curves** [698, 851, 581, 861]. **Custom** [356, 913, 934]. **Customised** [915]. **Customizable** [1288]. **Customization** [1761, 1762]. **Cut** [2304, 1111]. **Cutting** [1149, 81]. **Cutwidths** [2001]. **Cycle** [1732]. **Cycles** [391, 165, 2090]. **cyclotomic** [1786]. **Cylinder** [2308].

D [821, 2213, 361, 602, 584, 597, 833, 588, 385, 1150, 2170, 2173, 2226, 2212, 1539, 1535, 2180, 685, 2176, 653, 332, 806, 600, 858, 2202, 1326, 2219, 1529, 590, 934, 2181, 596, 840, 2179, 664]. **DAD** [2279]. **DAG** [1048, 393]. **Dags** [1097]. **Data** [776, 2123, 1040, 338, 1336, 323, 1632, 418, 808, 2046, 174, 1062, 1216, 2099, 577, 1775, 1045, 439, 959, 2102, 2010, 464, 410, 430, 749, 26, 50, 1948, 1300, 805, 365, 1072, 843, 141, 806, 2116, 1192, 2117, 467, 1782, 2187, 1766, 351, 895, 436, 1770, 349, 405, 1209, 2164, 1360, 238, 939, 1847, 1852, 2128]. **Data-Flow** [895]. **Data-Parallel** [439, 464, 1209, 2164, 418]. **Data-Parallelism** [410, 467]. **Data-Types** [805]. **Database** [2082, 1075, 1765, 1068, 1026, 1038, 1260, 1064, 471, 2072, 1961, 1454, 1045, 1057, 1279, 1280, 1608, 725, 2121, 2095, 1034, 763, 1904, 2110, 766, 1036, 1277, 1777, 134, 1925, 1939, 350, 1766, 1456, 1906, 1261, 1329, 1037, 443, 764, 1770, 1607, 1945, 2113, 1069, 1065, 2092, 2081, 1269, 791, 2086, 1691, 1964, 1941, 1834, 2136, 1345, 995]. **Databases** [1976, 1281, 1356, 1965, 1278, 1048, 1271, 1021, 2088, 1917, 1473, 1272, 1265, 958, 1992, 2112, 1959, 1039, 2093, 1966, 1201, 1267, 1957, 1035, 133, 1282]. **Databdrige** [765]. **Dataflow** [1202, 344, 1237]. **Datalog** [111, 1275, 1944, 1958, 960]. **Dataparallel** [343]. **Date** [915]. **Dating** [2245]. **Davis** [981]. **DB** [1954]. **DBMS** [1767, 1022, 2121, 762]. **DBPL** [1266]. **DCE** [1603]. **DCT** [821]. **Deadlines** [1716]. **deadlock** [2056]. **Dealing** [1489, 1474]. **Debate** [406]. **Debugging** [1204, 1272, 963]. **Decentral** [784]. **deception** [73]. **Decidability** [272, 287]. **Deciding** [720, 2071, 1727]. **Decimation** [680]. **Decision** [1703, 540, 719, 563, 2073, 1032, 1177, 1483, 778, 1898, 658, 2260, 1157, 1523, 2074, 1866, 1578, 1836, 1577, 1837]. **Decision-Making** [2074]. **Declarative** [788, 2084]. **Declustering** [1035]. **Decoding** [2260, 2256, 2252]. **Decomposable** [525, 574]. **Decomposing** [851].

Decomposition [2005, 2004, 1142, 176, 347, 436, 2236]. **Decrease** [275]. **Decreasing** [506, 513]. **Dedicated** [724, 910, 1625]. **Deduction** [1824, 2050]. **Deductive** [1746, 1946, 1948, 1959, 117, 1945, 1957, 1964, 1956]. **Deep** [1949, 732]. **Default** [1481, 1169, 1439]. **Defeasible** [1433, 1169]. **Defeat** [1403]. **Defects** [689]. **Definability** [958]. **Define** [91, 1555]. **Defined** [1953]. **Defining** [484]. **Definite** [12]. **Definition** [1500, 1028]. **Definitions** [715, 1553, 727, 1484]. **Defocus** [617]. **Deforestation** [1191]. **Deformable** [593]. **Deformations** [1545]. **Deformed** [2176]. **Degree** [1708, 63, 162, 1710, 547]. **Degrees** [1110]. **Delaunay** [799, 621, 1103]. **Delay** [1086, 2041, 919, 2040]. **Delay-Sensitive** [2040]. **Delayed** [285]. **Delays** [51, 1020, 50]. **Delegation** [372]. **Delegation-Based** [372]. **Deletability** [2181]. **Deletions** [2184]. **Delineation** [841]. **Delivering** [415]. **Delivery** [2025, 1380, 1714]. **Delta** [1278, 1325, 168]. **Delta-Calculus** [1325]. **Demand** [1122, 2039, 2044, 2047, 413]. **Demand-Driven** [413]. **Demands** [1355]. **Demon** [971]. **Demonstrator** [1622]. **Dempster** [616]. **Dempster-Shafer** [616]. **Denormalisation** [2119]. **Denotation** [717]. **Denotational** [267, 1262]. **Dense** [1705, 609, 155]. **Density** [922]. **Dependability** [369]. **Dependencies** [961, 1874, 1854]. **Dependency** [1477, 2122, 1393, 1132]. **Dependent** [426]. **Deployment** [1584]. **Depository** [1046]. **Depth** [243, 674, 153, 1090, 2214, 626, 2196]. **Derandomization** [541]. **Derivation** [1395]. **Derivations** [514]. **Derivative** [2235]. **Derivatives** [701]. **Deriving** [2163]. **Described** [1241]. **Describing** [885, 870, 1303]. **Description** [1166, 1336, 874, 1491, 1176, 1457, 1314]. **Descriptions** [1397, 1320, 1208, 1503, 1309, 1307]. **Descriptor** [19]. **Descriptors** [694]. **Design** [1626, 1512, 1765, 1968, 345, 889, 1681, 363, 1938, 2045, 1068, 498, 470, 1449, 2019, 1252, 1186, 473, 1590, 922, 1253, 1817, 1918, 1071, 926, 2121, 2109, 2063, 2110, 1023, 1777, 999, 1816, 2080, 1256, 2070, 1376, 2049, 1980, 2242, 469, 2077, 2107, 1047, 1652, 1029, 2092, 906, 1269, 2249, 1360, 1311, 1076, 930, 1655, 1846, 2060, 1837, 1875, 1850, 2061, 1860, 1842, 1345, 1306]. **Designer** [1279]. **Designing** [1968, 780, 1384, 1972, 104, 1592, 2219, 1747]. **Designs** [305, 2250, 154]. **Detecting** [671, 226, 654, 437, 1451, 2156]. **Detection** [2225, 689, 1940, 670, 1053, 949, 580, 904, 608, 2209, 760, 830, 419, 899, 701, 652, 891, 853, 2180, 613, 611, 815, 2202, 913, 447, 848, 852, 761, 631]. **Detectors** [804]. **Determinacy** [282]. **Determinants** [1347]. **Determination** [2224, 809, 685, 626, 852, 1335]. **Determining** [1216, 2041, 876, 599]. **Deterministic** [554, 1089, 419, 233, 1007, 759, 259, 693, 2168, 1563, 1316]. **Deterministically** [1203]. **Determinizing** [2310]. **DEVA** [1823]. **Developing** [770, 1026, 1237, 1627, 939, 1844, 1841]. **Development** [2166, 1742, 1755, 1973, 903, 197, 1016, 1822, 1374, 916, 1895, 1597, 1606, 1813, 612, 1909, 1778, 1823, 2120, 1824, 79, 80, 2285]. **Developments** [1826, 782]. **Device** [546, 1806]. **Devising** [1999]. **DEVS** [1655]. **DFS** [359]. **DFS-Super** [359]. **Diagnosing** [978]. **Diagnosis** [1420, 1425, 1499, 2076, 1500, 2208, 1256, 1464, 1462, 2244, 1869, 1840, 1311]. **Diagnostic** [1498, 1857]. **Diagnostics** [1411]. **Diagram** [1703, 1523, 1100, 1103]. **Diagrams** [2312, 397, 34, 1969, 1577, 86]. **Dialogue** [1479, 1442]. **Diameter** [757, 1997]. **Diametral** [2008]. **Dictionary** [1723]. **Difference** [613, 2236]. **Differences** [859, 1350, 1569]. **Differencing** [803].

Different [851, 341, 1024, 1501, 1486, 2285, 1867]. **Differential** [1670, 609, 301, 687, 1791, 1800]. **differentials** [1798]. **Difficult** [1399]. **Difficulty** [65]. **Diffident** [1461]. **Diffie** [2249]. **Diffusion** [811]. **Digital** [1021, 1027, 323, 811, 1124, 2021, 1548, 4, 681, 2028, 935, 807, 918]. **Digitized** [697]. **Digraphs** [2144, 1085, 383, 1704, 165]. **Dilemma** [1405, 1037, 88, 77]. **Dimension** [327]. **Dimensional** [2266, 1102, 184, 31, 1749, 748, 1991, 495, 1087, 391, 1534, 688, 2232, 45, 1998, 401, 2001, 354, 624, 1149, 129]. **Dimensions** [1071, 34, 1982]. **dining** [2056]. **Diophantine** [951]. **Direct** [701, 12, 73, 702, 1969]. **Directed** [1739, 61, 1201, 1439]. **Direction** [1968, 803, 1901]. **Directional** [180]. **Directionals** [1347]. **Directions** [854, 769]. **Directory** [429]. **Directory-based** [429]. **Disabilities** [1628]. **Discipline** [1821]. **Disciplines** [1382]. **Disconnected** [2316]. **Discourse** [7]. **Discourses** [8]. **Discovery** [1453, 1775, 2118]. **Discrete** [1629, 866, 370, 1632, 1004, 665, 347, 933, 1538, 997, 664]. **Discrete-Time** [997]. **Discriminant** [658]. **Discriminating** [673]. **Discriminator** [864]. **Discs** [636]. **Disease** [832]. **Dishonest** [313]. **Disjoint** [1704]. **Disjunction** [971]. **Disjunctions** [159]. **Disjunctive** [1049, 1201]. **Disk** [2048, 443]. **Disks** [1300, 155, 1077]. **Disparity** [860, 700]. **Displacements** [587]. **Display** [2195]. **Disposal** [2148]. **Dissecting** [746]. **Distance** [630, 858, 402, 612]. **Distances** [1324]. **Distinction** [1159]. **Distinctive** [1532]. **Distinguishing** [572]. **Distorted** [696]. **Distributed** [140, 1755, 754, 355, 1769, 1771, 1027, 1829, 1144, 721, 360, 1519, 409, 2026, 1026, 739, 1011, 1613, 743, 1115, 434, 2013, 97, 1141, 1358, 1905, 331, 1669, 1017, 2155, 1920, 1693, 346, 1978, 29, 395, 1596, 463, 742, 708, 2015, 1754, 1366, 1601, 104, 1294, 1661, 1926, 1292, 1290, 429, 1014, 1683, 746, 1945, 447, 442, 349, 1778, 753, 750, 2292, 1148, 261, 1615, 1042, 2156, 956, 2182, 193, 2285, 2061, 2316]. **Distributed-Memory** [708]. **Distributing** [362, 567]. **Distribution** [54, 594, 2250, 433, 297, 2269]. **Distributions** [170, 2220, 171, 436]. **Diversity** [604]. **Divisible** [322]. **Divorce** [2074]. **DNA** [670, 1140, 1571]. **DNA-Content** [670]. **Do** [170, 1395, 29, 1744, 2279]. **DOACROSS** [1130]. **Document** [879, 880, 2246]. **Documentation** [1429]. **Documents** [873]. **Does** [785, 1763]. **DOM** [1866]. **DOM-ArC** [1866]. **Domain** [1055, 1491, 97, 654, 1618, 1382, 1444, 1259, 972, 1843, 1597, 1570]. **Domain-specific** [1382]. **Domains** [1134, 973, 1819, 983, 1854]. **Dominant** [2236]. **Dominating** [161, 183, 55]. **Domination** [1707, 384]. **Done** [981]. **DOOD** [1962, 1967]. **Dorsch** [2260]. **Dot** [1951]. **Down** [2118, 2285]. **Draw** [126]. **Drawing** [127, 1349]. **Drawings** [45, 2247, 2197]. **Drippers** [689]. **Drive** [943]. **Driven** [1072, 2148, 413, 2175]. **DSP** [912]. **DSP-Boards** [912]. **DSS** [319]. **DTS** [1144]. **Dual** [929, 656, 199]. **Duality** [411]. **Dummy** [388]. **Duplicating** [521]. **Duration** [2167, 371]. **During** [1332, 242]. **Dyck** [33]. **Dynamic** [1121, 703, 966, 886, 2037, 2022, 184, 771, 1985, 2098, 2021, 98, 434, 577, 33, 2085, 1253, 2068, 1095, 1163, 1097, 1041, 1893, 1073, 1334, 2195, 1779, 1326, 454, 335, 2036, 1133, 1267, 24, 1284, 1368, 1283, 1876]. **Dynamic-Resharing** [1121]. **Dynamically** [1633, 946, 112, 947, 1747, 353]. **Dynamics** [2091, 1489, 1141, 531]. **dys** [2140]. **dys-functional** [2140].

each [637]. **Eagon** [668]. **Early** [369, 1618]. **Easier** [388]. **Easy** [1092, 1718, 2070].

Eavesdroppers [750]. **ECA** [1272, 1266]. **ECA-Rules** [1266]. **Echo** [2220]. **Echocardiographic** [831]. **Ecologies** [1519]. **Economic** [197]. **Economical** [1697]. **ECRC** [990]. **Edge** [1053, 168, 1115, 1667, 815, 852, 146]. **Edge-Coloring** [1667]. **Edge-Colorings** [146]. **Edge-Face** [168]. **Edges** [60, 853, 804]. **Edit** [402]. **Editing** [818, 711, 683, 2184]. **Editor** [2185]. **Editors** [1969]. **Education** [930]. **Educational** [1972]. **EES** [1806]. **EF** [210]. **effect** [70]. **Effective** [380, 391, 1224, 122, 1592, 2117, 1615, 1113]. **Effects** [1332, 955, 1893, 1172, 1171]. **Efficiency** [54, 1935, 70]. **Efficient** [1121, 1214, 1626, 1134, 1084, 379, 329, 435, 2046, 798, 127, 760, 2158, 1419, 2004, 1720, 156, 1164, 276, 2055, 434, 1562, 630, 1896, 1953, 1193, 39, 294, 546, 430, 131, 542, 1943, 312, 192, 1826, 2145, 446, 1922, 1192, 1227, 1661, 2204, 322, 581, 1100, 981, 421, 2282, 2268, 465, 2315, 1113, 736, 1076, 1964]. **Efficiently** [159, 1983, 1942]. **Effort** [1380]. **EGI** [1549]. **Egomotion** [709]. **Elastic** [703, 819]. **Elasticity** [797, 591]. **Election** [759]. **ELECTRE** [1649]. **Electrocardiographic** [667]. **Electronic** [903, 322, 2263]. **Element** [1538]. **Elementary** [563, 557, 2124]. **Elements** [356, 354]. **Elimination** [388, 804, 2053]. **ELLA** [1314]. **Elliott** [952]. **Elliott-MacMahon** [952]. **Ellipses** [863]. **Elliptic** [291, 2265]. **Elliptical** [650]. **Elongated** [841, 663]. **ELS** [1943]. **ELS-Programs** [1943]. **Embedded** [1987]. **Embedding** [732, 1305]. **Embeddings** [139, 423, 1729, 421]. **Emedded** [940]. **Emerge** [90]. **Emergence** [1346]. **Emergent** [96, 92, 75]. **EMIR02** [1058]. **Emotion** [2226]. **Empirical** [14, 1768, 120, 1862]. **Empirically** [1175]. **Empty** [2308, 160]. **Emulation** [422, 1020]. **Enaction** [1358]. **Encoding** [89, 1310]. **encountered** [1304]. **Encryption** [305, 301, 1789, 1811]. **End** [2025, 2041, 2057]. **End-to-End** [2041]. **ended** [84]. **Energy** [688, 2202, 1797]. **Engine** [1274, 909]. **engineer** [1806]. **Engineering** [1910, 1674, 498, 1833, 783, 1918, 2121, 266, 1017, 1596, 2015, 497, 1037, 1485, 1371, 1065, 1610, 1362, 2086, 1000, 2247, 2103, 2101, 1883]. **Engineers** [1355]. **Engines** [428]. **English** [1844, 2074]. **Enhance** [1452]. **Enhanced** [1078, 2093]. **Enhancement** [857, 606, 625]. **Enlargement** [857]. **Entailment** [1169]. **Entity** [1992, 2115, 2096, 2093, 2106]. **Entity-Relationship** [1992, 2115, 2096, 2093]. **Entries** [378]. **Entropy** [1511]. **Enumerating** [150]. **Enumeration** [61, 1309]. **Environment** [1742, 1067, 113, 1359, 1758, 1441, 1016, 1753, 1822, 344, 1041, 346, 1024, 1015, 1596, 1825, 947, 1606, 1926, 980, 1456, 1770, 1326, 1526, 1345]. **Environmental** [585, 1033]. **Environments** [1470, 1396, 1978, 463, 1334, 1614, 781, 1014]. **Epipolar** [702, 1533]. **Epistemic** [1405]. **Equal** [155, 480]. **Equality** [1949, 2145]. **Equality-Testing** [2145]. **Equation** [505]. **Equational** [377, 501, 2290]. **Equations** [951, 361, 399, 364, 1463, 241, 353]. **Equivalence** [159, 252, 172, 714, 2161]. **Equivalences** [263, 1727]. **Equivalent** [513, 2083, 1117]. **Erlang** [1297]. **erroneous** [1571]. **Error** [2278, 226, 932, 1311]. **Error-Correcting** [2278]. **Errors** [2281]. **Esablishment** [2259]. **Escrow** [305, 303, 302, 734]. **ESP** [2169]. **ESP-MC** [2169]. **Essential** [1031]. **Establishment** [2038, 2121, 2175]. **Estelle** [334]. **Estelle-specified** [334]. **Estimates** [700]. **Estimating** [698, 674, 658, 618, 2077, 1770, 587, 2201]. **Estimation** [860, 810, 609, 1631, 669, 1546, 863, 2224, 607, 617, 709, 2199, 2232, 2221, 803, 1543, 635, 702, 644, 900, 1835].

ET-LOTOS [267]. **ETF** [1138]. **Ethics** [1251]. **Euclidean** [2309]. **Eulerian** [1704]. **Eurocrypt** [307]. **Evaluate** [637]. **Evaluating** [1055, 811, 1850, 1354]. **Evaluation** [337, 1278, 1240, 2305, 2318, 995, 1205, 363, 1038, 1590, 1773, 1195, 1018, 763, 342, 2023, 1943, 1255, 346, 2080, 479, 1928, 1607, 1774, 994, 1210, 1964, 682]. **Evaluations** [1239, 1059, 1185, 393, 999, 1382]. **Evaluator** [1034, 1194]. **Even** [2091, 1563]. **Event** [346, 1815, 259]. **Event-oriented** [346]. **Events** [1939, 2089]. **Evolution** [894, 577, 1395, 2102, 1376, 1399, 74]. **Evolutionary** [1519, 1587, 780, 2063, 1517, 1673, 1524, 76, 85, 83]. **Evolving** [1910, 1039, 1490, 84, 88]. **Exact** [1004, 190, 1805]. **Example** [1407]. **Examples** [227, 1429, 241, 1250, 1503, 1563, 1564]. **Exceptions** [1505, 1445]. **Exceptions-Based** [1505]. **Exchange** [1551, 47, 2015, 291]. **Exclusion** [140]. **Executable** [1207]. **Execution** [1129, 409, 1262, 98, 420, 1372, 344, 2017, 1226, 2137]. **Executions** [914]. **Exemplification** [1484]. **Exercise** [752]. **Exhaustive** [1672]. **Exist** [29]. **Existential** [24]. **existing** [1305]. **Exits** [378]. **Experience** [1911]. **Experiences** [2130, 1597, 1825, 69, 1762, 1760]. **Experiment** [2169, 317, 1399, 1872]. **Experimental** [1240, 1590, 838, 420, 683, 1945, 1662, 77]. **Experimentation** [189, 2066]. **Experiments** [716, 1812, 54, 482, 246, 448, 1860]. **Expert** [1056, 1082, 1054, 1927, 1412, 1422]. **expertise** [1841]. **Experts** [1455]. **Explained** [1240, 1241]. **Explaining** [2132]. **Explanation** [1272, 1161, 1422, 1877]. **Explanation-Based** [1161]. **Explicit** [1916, 1418, 1181, 653, 1560]. **exploit** [1805]. **Exploitation** [1584, 578]. **Exploiting** [1185, 428, 1452]. **Exploration** [1061]. **Exploratory** [1378]. **Exploring** [493, 1326, 1527]. **explosion** [2062]. **Explosive** [317]. **Exponential** [528, 537, 2295]. **Express** [351]. **Expressing** [206]. **Expression** [2225, 2305, 511, 1206, 393, 300, 2227, 877]. **Expression-Or-Parallel** [1206]. **Expressions** [1205, 257, 1070, 133]. **Expressive** [2300, 220, 2288]. **Expressiveness** [287]. **ExSel** [589]. **Extended** [671, 1435, 2281, 566, 1889, 2157, 1058, 2096, 1066, 1654]. **Extending** [1469, 594, 1906, 1266, 152, 912, 486]. **Extensibility** [1558]. **Extension** [1084, 487, 1052, 2090, 1161, 2119, 352]. **Extensional** [1444, 1480]. **Extensions** [1193, 2294, 762, 1463, 2321]. **Exterior** [2199]. **External** [1104, 1346, 1621]. **External-Memory** [1104]. **Extract** [901, 589]. **Extracting** [873, 636]. **Extraction** [2231, 827, 204, 1062, 1478, 662, 2190, 1065, 687]. **Extrapolation** [1010]. **Extremal** [1730]. **Extremely** [1735]. **Eye** [2171].

F [1568, 1228]. **F-Horn** [1568]. **Face** [168, 595, 631]. **Facial** [2227, 820]. **Facilitating** [1628]. **Facilities** [2085, 1031, 1747]. **Factorization** [1147]. **Factors** [1381, 59]. **Fading** [2266]. **Failure** [1161, 2156]. **Fair** [270, 91, 304]. **False** [804]. **Falsifiability** [543]. **Families** [851]. **Fantasy** [1546]. **Fast** [2225, 1129, 292, 889, 49, 1730, 665, 1089, 1186, 383, 1095, 821, 50, 1697, 1088, 1125, 890, 1726, 933, 288, 290, 1155, 291, 1723, 178, 934, 1289, 2178, 900, 664, 1807]. **Faster** [1738, 61, 761, 269]. **Fastmap** [908]. **Fat** [1101, 1087]. **Fat-Tree** [1087]. **Fault** [944, 2076, 141, 456, 996, 1997, 1840]. **Fault-Free** [456]. **Fault-Tolerance** [944]. **Fault-Tolerant** [141, 1997]. **Faults** [754, 457, 1715, 456, 1869]. **Faulty**

[1089, 2002, 456]. **Favourite** [1768]. **FD** [983]. **FEAL** [1801]. **Feasibility** [200]. **Feasible** [202, 1111]. **Feasibly** [215]. **Featherweight** [441]. **Feature** [676, 2229, 658, 660, 2193, 598, 242, 692, 2202, 1369, 1875, 1856]. **feature-based** [1875]. **Features** [337, 2231, 1622, 802, 1260, 1475, 662, 1330, 881, 696, 1073, 817, 850, 820, 877, 1863]. **Federated** [2114, 1770, 2113]. **Feedback** [1709, 1796, 1647]. **FEM** [1142]. **FEM-Meshes** [1142]. **FERSA** [2248]. **Few** [1984, 60]. **FFTs** [455]. **Fiberings** [117]. **Fibonacci** [1808, 327]. **Fibrational** [256]. **Fibre** [825]. **Field** [1134, 1493, 2214, 585, 2176, 615]. **Fields** [112, 932, 844, 1717, 1796]. **File** [2045, 1041, 348, 350, 1774, 2316]. **Files** [1773]. **Filling** [812]. **Film** [711]. **Filter** [936, 852]. **Filtered** [859, 803]. **Filtering** [1426, 893, 1424, 2235, 625]. **Filters** [707, 816, 815, 937]. **Final** [1557, 2318]. **Financial** [1898, 2120]. **Find** [835]. **Finding** [1705, 2272, 1736, 697, 1896, 1706, 1733, 1920, 1983, 820, 137, 178, 1103, 1731]. **Fine** [1821, 340, 466]. **Fine-Grain** [1821]. **Fine-Grained** [466, 340]. **Fingerprinting** [323]. **Finitary** [251]. **Finite** [272, 326, 540, 289, 722, 218, 192, 932, 1643, 620, 531, 401, 223, 354, 1717, 135, 133, 1784, 2059, 1796, 1570, 228]. **Finitism** [200]. **Finsler** [1643]. **FIR** [936, 937]. **Firing** [561, 485]. **First** [1239, 535, 1450, 958, 1737, 221, 1174, 468, 1828, 23, 804, 1475, 2127]. **First-Order** [535, 958, 221, 23]. **Fish** [1882, 2171]. **Fish-Eye** [2171]. **Fitness** [1513]. **Fits** [681]. **Fitting** [650]. **Five** [162]. **Fixed** [1644]. **Fixpoint** [254, 253]. **Fixpoint-Analysis** [253]. **Flash** [1300]. **Flash-Memory** [1300]. **Flat** [655]. **Flexible** [1552, 432, 1847]. **Floating** [726]. **Floodlight** [30]. **Floodlights** [1734]. **Floor** [784]. **Floundering** [1199]. **Flow** [361, 669, 586, 1720, 1220, 1223, 1224, 2043, 1926, 895, 1879]. **Flows** [2022, 2108, 1094]. **Fluid** [361, 1141]. **Fluidity** [95]. **Fluorescent** [670]. **fly** [1293]. **Focus** [626]. **Fold** [2185]. **Following** [1942]. **Font** [872]. **Force** [2175]. **Force-Driven** [2175]. **forecasting** [1879]. **Foreground** [841]. **Forests** [1741, 2003]. **Forgeries** [2183]. **Form** [874, 1062, 521, 861]. **Formal** [487, 328, 1314, 1908, 1821, 1491, 498, 470, 1363, 1833, 271, 473, 724, 420, 495, 1373, 483, 1374, 729, 3, 1832, 731, 472, 399, 1261, 475, 450, 1931, 239, 1824, 1306, 1308]. **Formalising** [2064]. **Formalism** [1454, 1372, 1351]. **Formalisms** [1675]. **Formalization** [1560, 1823, 738]. **Formalizing** [2165, 1499, 2155, 1392]. **Formally** [1305]. **Format** [482, 876]. **Formation** [94, 2185, 93]. **Formations** [894]. **Formats** [1338]. **formedness** [522]. **Forms** [327, 648, 869]. **Formula** [998]. **Formulae** [572]. **Formulas** [543, 142, 545, 404, 2055, 1568]. **Formulation** [1134, 1156, 728]. **Formulations** [2153, 1675]. **Fortran** [338]. **Forward** [968, 1037]. **foundation** [1308]. **Foundations** [773]. **foundedness** [509]. **Four** [317, 838, 1724]. **Four-Vertex-Connectivity** [1724]. **Fourier** [347, 700, 1545, 933, 934]. **FPGA** [920, 922, 931, 927, 936, 910, 907, 935, 913, 912, 934, 906, 930]. **FPGA-Based** [920, 935, 912, 934]. **FPGAs** [938, 914, 942, 926, 924, 923, 919, 933, 937, 918]. **FPLD** [932]. **Fractal** [890, 888]. **Frame** [1434, 2044, 2148, 2247, 1025]. **Frame-Based** [1025]. **Frames** [1431, 702]. **Framework** [1203, 2284, 1336, 1205, 1363, 474, 1476, 2099, 2098, 98, 1395, 1474, 2215, 967, 1384, 1893, 472, 1543, 707, 440, 587, 1650, 807, 103, 589, 1655, 1489, 87, 1797]. **Free** [554, 563, 386, 758, 1919, 556, 741, 1226, 2154, 469, 456, 55, 1114, 2062, 1797]. **Free-Word-Order** [1919]. **Frege** [211]. **French** [489]. **Frequency**

[1129, 654, 396, 2242]. **Fresh** [1383]. **Friendly** [1555]. **Front** [2203, 2057]. **front-end** [2057]. **Frontier** [527]. **FTAPE** [996]. **Fully** [257, 1095, 1097]. **Fully-Dynamic** [1095]. **Function** [715, 525, 1240, 205, 1124, 1725, 2275, 775, 1852, 70]. **Functional** [1203, 1217, 412, 1180, 1220, 1221, 725, 464, 1285, 1222, 1206, 2131, 2136, 1375, 1184, 1196, 440, 1266, 1286, 405, 1233, 1550, 1887, 2129, 1212, 1197, 2140, 2132, 2130, 2125, 2137, 2128, 2135, 2124]. **Functionality** [1261]. **Functions** [1505, 289, 161, 321, 1173, 159, 2098, 387, 1167, 1073, 1726, 1555, 302, 1523, 288, 733, 1894, 1931, 1787, 1788, 1570, 1791, 1800, 1810]. **Fundamental** [1673]. **Fundamentals** [1923]. **Further** [357]. **Fusion** [1928, 644, 1776]. **Future** [483, 1591, 1602, 1614, 2262, 1355, 1763, 1620]. **Fuzzy** [1469, 814, 2238, 1470, 1890, 2200, 1634, 1032, 834, 1896, 1057, 1898, 652, 1900, 1892, 772, 1886, 1888, 1889, 1895, 1924, 1927, 1891, 1887, 1885, 898, 1689, 1879, 1894]. **Fuzzy-Neuro** [814]. **FuzzyBase** [1057].

G [168]. **G01** [1143]. **GA** [1465, 1513, 1525, 1897, 1398]. **GA/TS** [1398]. **Gabor** [859]. **Gadgets** [1196]. **Gaining** [1024]. **Galaxy** [897]. **Game** [1153, 1877, 84]. **Games** [219, 248, 124, 1870, 77]. **Garbage** [1295, 1291, 1285, 1293, 1296, 1287, 1294, 1192, 1298, 1290, 1286, 753, 1297]. **Gas** [1522]. **GASBOR** [82]. **Gauss** [2053, 1717, 664]. **Gaussian** [1887]. **GC** [1292]. **GENA** [1236]. **General** [2000, 316, 1156, 1442, 952, 110, 1132, 1958, 179, 589, 1042, 1881]. **Generalisation** [612, 1331, 1330]. **Generalised** [1699, 2149, 2274]. **Generalization** [13, 1384, 1161, 1979]. **Generalized** [2312, 149, 1488, 539, 2184, 888, 1997, 1677]. **Generated** [836, 165]. **Generating** [1236, 1193, 302, 1969]. **Generation** [1214, 1406, 987, 1217, 1002, 1453, 1608, 431, 940, 1467, 1334, 6, 1468, 1429, 2268, 9, 974, 1870]. **Generational** [1295, 1286]. **Generator** [2296, 2057]. **Generators** [2253, 1808, 1784, 1786]. **Generic** [99, 1177, 1374, 1815, 1445, 590, 1542]. **Genetic** [1510, 1896, 1898, 941, 81, 683, 809, 1893, 1895, 1501, 1523, 787, 1151, 1527, 1518, 1521, 1511, 1894, 878, 1526, 71, 2160, 72, 78, 82, 89, 73, 79, 80]. **Genetic-Fuzzy** [1898]. **Genome** [1668, 1695]. **Geodesic** [1100]. **GEOFF** [2185]. **Geographic** [1104, 1030, 2241, 1329, 1328]. **Geographically** [1755, 1326]. **Geographically-Distributed** [1755]. **Geography** [1321]. **Geological** [1055]. **Geometric** [1671, 1102, 54, 1702, 1099, 27, 39, 69, 106, 405, 664]. **Geometrical** [505, 610, 2185, 578]. **Geometry** [653, 1537]. **Geons** [840]. **Gestalten** [1248]. **Gesture** [2223]. **GF** [932]. **Gibbs** [2220, 585]. **GIMS** [1914]. **Ginjoshu** [1892]. **GIS** [1344, 1040, 1914, 1328]. **Given** [2268]. **Glasgow** [1234]. **Glia** [1402]. **Global** [760, 965, 1131, 954, 708, 1293, 1294, 437]. **Goal** [1489, 1201, 1439, 1854]. **Goal-Directed** [1201]. **Goals** [101, 1242, 1395]. **Goedel** [492]. **Going** [36, 1899]. **Gollmann** [299]. **Good** [10, 227, 1003, 2261, 104]. **GoslerP** [247]. **Gossiping** [391]. **GP** [70]. **Gradient** [853, 2157]. **Grading** [885]. **Grain** [1821]. **Grained** [466, 340]. **Gram** [1106]. **Grammar** [1371]. **Grammars** [554, 1414, 386, 1413, 1178, 1957]. **Grammatical** [1561]. **Granularity** [868]. **Graph** [1995, 177, 1990, 283, 798, 363, 139, 55, 1986, 1985, 1781, 1164, 126, 1136, 1739, 12, 61, 1992, 44, 2192, 547, 551, 1989, 558, 1371, 1719, 137, 562, 1713, 1579]. **Graph-Theoretical** [1992]. **Graphical** [1769, 988, 488, 2112, 806, 1196]. **Graphics** [873, 2170]. **Graphs** [10, 47, 1984, 1709, 1270, 1477, 63, 161, 2011, 127, 381, 16, 168,

1707, 1741, 2003, 180, 1732, 19, 870, 390, 2008, 2283, 1987, 384, 162, 11, 18, 17, 1098, 799, 526, 1740, 2009, 2010, 1710, 1095, 22, 190, 1114, 1982, 1132, 6, 1093, 2006, 21, 561, 2282, 24, 1997, 9, 145, 23, 20, 619, 738, 89]. **GRASP** [1151]. **Gray** [630, 878]. **Gray-Scale** [878]. **Great** [501]. **Greedy** [1710]. **Grey** [640, 854, 654, 604]. **Grey-level** [854]. **Grey-Scale** [604]. **Grid** [127, 1732, 634, 1520]. **Grids** [1141, 391, 2177, 421]. **Gröbner** [116, 176]. **Ground** [518, 1404]. **Group** [180, 665]. **Grouping** [582, 2187, 1267, 578, 800]. **Groups** [2037, 111, 2224, 165, 578, 1784]. **Groupwork** [784]. **Grow** [1419]. **Grow-And-Learn** [1419]. **Growing** [584, 385]. **Growth** [1991]. **Guarantees** [2043]. **Guarded** [971, 1553, 969]. **GUI** [1978]. **Guidance** [704]. **guide** [2052]. **Guided** [2174, 1081, 236, 1860]. **Guidelines** [591]. **GUIs** [1197]. **Gupta** [1484]. **Gupta-Belnap** [1484].

Habits [2117]. **Hair** [2225]. **Halftoning** [867]. **Halldorsson** [186]. **Hamilton** [47]. **Hamiltonian** [1732, 165]. **Hamming** [423, 148]. **Hand** [2223]. **Handle** [1504, 112]. **Handling** [1758, 2111, 459, 1779, 1521, 1369]. **Hands** [2222]. **HandTalker** [2223]. **Handwriting** [881]. **Handwritten** [2238, 882, 2193, 1937]. **Harari** [2276]. **Hard** [1718, 402, 2295, 132, 2003]. **Harder** [170]. **hardness** [2315]. **Hardware** [1910, 917, 941, 915, 927, 916, 1298, 366, 918, 1314, 1304, 1308, 1315]. **Hardware-Assisted** [1298]. **Harmony** [1450]. **Hash** [2275, 1814, 288, 1800, 1810, 1313]. **Hashing** [290]. **Haskell** [491, 1234]. **Hasse** [1011]. **Haystack** [1672]. **HCTRs** [513]. **HDL** [922]. **HDL-Based** [922]. **Head** [828, 675, 546, 632]. **Headed** [1077]. **health** [1841]. **Heap** [1722]. **Hearing** [1506]. **Heart** [624]. **Hedge** [546]. **Hedonic** [102]. **Helical** [2208]. **Hellman** [2249]. **Helmholtz** [364]. **Help** [485, 1250, 2279]. **Herbrand** [209]. **Heterogeneous** [1758, 2041, 684, 463, 444, 2048, 1955]. **Heuristic** [2302, 1070, 1246, 848]. **Heuristics** [957]. **Hidden** [640, 1631, 321, 891]. **Hierarchical** [860, 2198, 1004, 1339, 739, 508, 1637, 1015, 424, 1457, 1257, 2204, 2056, 1445, 1894, 1651, 1878]. **Hierarchically** [1008]. **Hierarchies** [203, 528, 2309, 152, 213]. **Hierarchy** [2311, 665, 922, 172, 449, 1348, 395, 214]. **High** [1708, 327, 889, 884, 1912, 830, 1890, 2200, 922, 630, 915, 2172, 2020, 849, 913, 623, 78, 1787, 1305]. **High-Level** [1912]. **High-Order** [884]. **High-Performance** [915, 2172]. **High-Speed** [913]. **Higher** [1916, 680, 1227, 1184, 998, 733, 34, 1212, 1798]. **Higher-Order** [1916, 1227, 1184, 1212]. **Highly** [671, 141, 2117, 1550, 1997]. **Highways** [1776]. **Hillclimbing** [1518]. **Hints** [499]. **Histogram** [44, 613]. **Historical** [1326]. **History** [1917, 1299]. **History-Based** [1299]. **History-Oriented** [1917]. **Hive** [1986]. **HLS** [820]. **HMM** [881]. **HOL** [716, 719, 720, 726, 730, 714, 1556, 735, 737]. **HOL90** [725]. **HOLCF** [733]. **Home** [36]. **Homogeneous** [442]. **Homogeneously** [2011, 384, 1456]. **homophonic** [1807]. **Honest** [313]. **Honeycomb** [548]. **Hong** [152]. **Hong-Kung** [152]. **Hopfield** [795, 817, 1932]. **Horn** [1568]. **Hot** [1998, 1107]. **Hot-Potato** [1998, 1107]. **Hough** [1124, 902, 2237]. **Housing** [2073]. **HT** [671]. **Hull** [812]. **Human** [675, 1428, 1918, 1333, 1176, 2070, 1354, 2227, 624, 631, 2222]. **Human-Centered** [1428]. **Human-Computer** [675, 1918]. **Human-Subjects** [1354]. **HYbrid** [1642, 1631, 1633, 1636, 1635, 1496, 1637, 1638, 1639, 1640, 1641, 1886, 1643, 1645, 424, 2074, 1646, 1648, 1652, 822, 1653, 1654, 1655,

1656, 1398, 79, 80]. **Hydra** [2135]. **Hydrographic** [2241]. **Hyper** [1729]. **Hyper-Rings** [1729]. **Hypercube** [1129, 1997]. **Hypercubes** [1134, 754, 1729, 456]. **Hypergraph** [1995, 78]. **Hypergraphs** [2005, 331]. **Hypermedia** [1976, 647, 1602, 1694, 1979]. **Hyperrectangles** [2146]. **Hypertext** [1975, 474, 1047]. **Hypertexts** [1063]. **HYTECH** [1642, 2052]. **HyTime** [1045].

I/O [53, 1703, 1067, 54, 2019, 2050, 1556, 943]. **I/O-Algorithms** [53]. **I/O-automata** [2050]. **I/O-Complexity** [1703]. **IDA** [1076]. **Ideal** [116, 2127]. **Ideals** [374]. **Ideas** [735, 1665]. **IDEFIX** [776]. **IDEFO** [775]. **Identical** [1727]. **Identifiable** [320]. **Identification** [828, 2084, 231, 181, 593, 2276, 872]. **Identifying** [1726, 1583]. **Identity** [1480, 2264, 2113]. **if** [1301]. **IFO2** [1065]. **Ignorance** [1405]. **IGOR** [1237]. **II** [597]. **III** [915]. **Illuminance** [2205]. **Illuminated** [865]. **Illuminating** [31]. **Illumination** [1734, 30, 713]. **Illustrative** [491]. **Image** [647, 813, 802, 894, 676, 798, 608, 884, 584, 666, 830, 2220, 942, 819, 657, 667, 826, 831, 641, 678, 2216, 643, 805, 708, 2232, 890, 2221, 857, 598, 1058, 1925, 467, 880, 849, 1039, 600, 645, 816, 888, 895, 694, 892, 1774, 901, 807, 359, 794, 1399, 2201, 856, 603, 796, 898, 2245, 625, 682, 693, 855, 1838]. **Image-Intensity** [666]. **Image-Processing** [813]. **Images** [640, 827, 836, 828, 609, 893, 854, 795, 1062, 834, 651, 662, 630, 2206, 585, 705, 696, 2208, 2212, 865, 824, 845, 859, 2180, 646, 655, 896, 844, 2234, 2202, 846, 793, 2210, 878, 604, 822, 825, 599]. **Imaging** [2217, 644, 900]. **Imai** [307]. **Imitate** [2070]. **immune** [1851]. **Immunized** [310]. **Impact** [1380, 1602, 823]. **Impacts** [1614]. **Impediments** [271]. **Imperative** [337]. **Imperfectly** [1240, 1241]. **Implement** [1497]. **Implementation** [1622, 1916, 16, 2045, 419, 788, 1186, 1946, 18, 387, 1182, 1773, 1603, 959, 1206, 948, 931, 821, 1023, 367, 932, 364, 69, 686, 933, 1947, 981, 447, 1930, 934, 1029, 735, 1269, 1210]. **Implementations** [1067, 1180, 1234]. **Implemented** [938]. **Implementing** [1087, 490, 432, 354, 2249]. **Implicational** [543]. **Implications** [1338, 2249, 135]. **Importance** [2214, 790]. **Imprecise** [2230]. **Improve** [357, 1852, 1853]. **Improved** [67, 1270, 312, 186, 982, 642, 1800, 644, 1313]. **Improvement** [1229, 888, 790, 1360]. **Improving** [875, 1342, 2067, 656, 478, 300, 1517]. **Improvise** [1359]. **Imputation** [1060]. **In-Place** [847, 1721, 542, 58]. **inappropriate** [1581]. **Including** [1429]. **Incomplete** [1423, 1849]. **Inconsistency** [1933]. **Inconsistent** [2114]. **Incorporating** [1032]. **Increase** [275]. **Increasing** [1431, 369]. **incredible** [1872]. **Incremental** [2069, 1986, 1380, 131, 397, 1922, 574, 2287, 1567, 1249, 1370]. **Independence** [128, 532, 1956]. **Independent** [63, 1725, 2223, 1710, 147, 541, 972]. **Indeterminate** [2288]. **Index** [324, 2066]. **Indexing** [2231, 886, 2198, 1186, 1696, 1871, 1880, 1839]. **Indicator** [832]. **Indices** [1247]. **Indirect** [1292]. **Individual** [2091, 1716, 1778]. **Induced** [1741, 2003, 1983]. **Inducing** [1162, 2133]. **induct** [2133]. **Induction** [1238, 1239, 1684, 254, 523, 1572]. **Inductive** [230, 247, 2165, 1566, 226, 245, 727, 2155, 1444, 1650, 1249, 120, 238, 2160, 1865, 1582]. **Industrial** [1968, 2028, 1355, 991]. **Industry** [483, 791, 930]. **Inequalities** [376]. **Inequations** [951]. **Inescapable** [1480]. **Inexact** [883]. **Inference** [230, 1189, 1433, 247, 229, 1220, 226, 730, 547, 237, 1212, 1169, 523, 1865, 2320, 1582, 1797, 1561, 1574]. **Inferring** [1571]. **Infinite** [371, 249, 133]. **influence** [86]. **Informal**

[495]. **Informatics** [1695]. **Information** [1551, 1104, 1346, 1630, 1082, 1423, 1478, 1833, 2122, 1030, 234, 2114, 1905, 684, 1889, 2080, 1334, 1337, 806, 2190, 366, 1714, 1955, 1326, 1485, 1776, 1080, 774, 1690, 1000, 1422, 1328, 2318]. **Informative** [1690, 832]. **Inherent** [744, 2237]. **Inheritance** [1952, 1227, 485, 1951]. **Inhomogeneously** [865]. **Initial** [618]. **Injection** [996]. **Innovation** [271]. **Input** [426]. **Input-Dependent** [426]. **INRECA** [1865]. **Insertion** [704]. **Insertions** [2184]. **Inspection** [905, 902, 837, 2243]. **Instance** [2082, 1937, 1884]. **Instance-Based** [1937, 1884]. **Instances** [170]. **Instead** [2089]. **Instruction** [1131, 2078]. **Instructional** [1468]. **Instrumentation** [1362]. **Integer** [157, 960, 953, 928, 1117]. **Integral** [1889]. **Integrated** [2091, 495, 1373, 1504, 2121, 1589, 2105, 1010, 2033, 2077, 1412, 800, 1865, 82, 1857]. **Integrating** [1238, 1239, 1478, 2098, 1136, 1918, 1873, 1176, 1001, 1861, 2106, 1370]. **Integration** [1834, 1160, 1338, 1064, 1764, 2094, 4, 1948, 1978, 1024, 999, 2115, 849, 1585, 1246, 1929, 1624, 1846]. **Integrity** [2318, 1162, 1276]. **Intelligence** [1428, 1157, 2070]. **Intelligent** [1440, 343, 777, 1614, 1623, 1616, 1081, 87]. **Intensity** [666]. **Intensive** [1379]. **Intentional** [1444]. **Intentions** [1435, 1395]. **Inter** [1397, 1363]. **Inter-Layer** [1397]. **Inter-level** [1363]. **Interact** [1534]. **Interacting** [884, 1242, 75]. **Interaction** [1973, 1974, 675, 921, 1918, 1978, 96, 2066, 1619]. **Interactions** [1508, 1474, 1451]. **Interactive** [1203, 2039, 1359, 988, 311, 2067, 2226, 895, 2177, 105, 2060]. **Interchange** [482]. **Interconnection** [912, 451, 450]. **Interface** [2213, 647, 1974, 908, 1590, 1918, 488, 779, 1980, 1329, 1652, 1628, 735, 1885, 939, 1076]. **Interfaces** [988, 2067, 1196]. **Interfacing** [725]. **Interleaved** [1203]. **Interleaving** [98]. **Interlocking** [1416]. **Intermediate** [987, 109, 595, 622]. **Internal** [1346]. **Internally** [1698]. **Internet** [2027, 1020, 1694]. **Internetwork** [1771]. **Interoperation** [1025]. **Interpolation** [1342, 142, 2179]. **Interpretation** [1479, 1218, 2200, 834, 1442, 1372, 1641, 648, 122, 1228, 7, 645, 1680, 1211, 1235]. **Interpreting** [2191]. **Interprocedural** [1214]. **Intersection** [172, 160]. **Interval** [1996, 526, 748, 962, 1093, 1427, 1466]. **Interval-Based** [1427, 1466]. **Intervals** [371, 183]. **InterViews** [1970]. **intractability** [1805]. **Intrinsic** [208]. **Introducing** [1907, 2125, 1615]. **Introduction** [1618, 1904, 1762]. **introspective** [1871, 1853]. **Invariant** [639, 580, 1536, 630, 881, 579, 650, 713, 842]. **Invariants** [987, 1530, 2143, 843, 677, 673]. **Inversion** [644]. **Inverting** [691]. **Investigating** [1150]. **Investigation** [683, 1891, 89, 1864]. **Invited** [2124]. **Involving** [2184, 1353]. **IOs** [1598]. **IRO** [1954]. **IRO-DB** [1954]. **Irregular** [1145, 1016, 1143, 1126, 1130, 1132, 1133]. **Irregularly** [1129]. **Isabelle** [716, 728, 490, 1556]. **Isabelle/HOL** [1556]. **ISDN** [1627]. **Isometries** [888]. **Isomorphic** [549]. **Isomorphism** [1984, 19, 1739, 15]. **Isophotes** [629]. **Issue** [133]. **Issues** [360, 1938, 1635, 1468, 1585, 1047, 735, 2014, 1677, 1580]. **Iterated** [149, 88, 77]. **Iterative** [676, 1510, 1136, 2227, 349, 1006, 353].

JACK [1315]. **Japanese** [876]. **Jitter** [2034]. **Job** [983, 1398]. **Job-Shop** [983]. **Jobs** [32]. **Join** [2158, 1275, 2159]. **Joint** [673]. **JTMS** [1390]. **Jump** [1657, 1186]. **Jumping** [1506].

K-64 [309, 1799]. **K-means** [2211]. **k-SR** [2254]. **kappa** [155]. **KBED** [1053]. **KBMSs** [1078]. **KBS** [1843]. **KDD**

[1059, 1580]. **Kernel** [1022, 1277]. **Kernels** [349]. **Key** [306, 1681, 310, 309, 2250, 303, 297, 302, 2259, 151, 307, 2263, 629, 291, 734, 2265, 2249]. **Key-Schedule** [309]. **Keying** [2277]. **keystream** [1808]. **Kind** [164]. **Kit** [491, 930]. **KIV** [1830]. **KIV-Approach** [1830]. **KLIC** [447]. **Knowledge** [1251, 747, 647, 1493, 1053, 1443, 1494, 362, 313, 1162, 1418, 1453, 1454, 2064, 22, 1163, 1892, 1455, 653, 1060, 1061, 1980, 1484, 897, 1456, 1498, 181, 1883, 1951, 898, 1956, 438, 1874, 2061, 1881, 1862]. **Knowledge-Base** [1956]. **Knowledge-Based** [1053, 1892, 1980, 438]. **Knowledge-Bases** [1951]. **known** [1794]. **Kohonen** [657]. **Korean** [1393]. **Korso** [1819, 1833]. **Krylov** [1930]. **KSR** [448]. **KSR-1** [448]. **Kung** [152].

Labeled [2149]. **Labeling** [913, 1113]. **Labelled** [1436, 1437]. **Laboratory** [246, 790]. **Lambda** [1415, 1230, 2149, 1181, 1555, 1560]. **lambda-Calculus** [2149, 1181, 1560]. **lambda-Terms** [1555]. **Landscapes** [1510]. **Language** [337, 487, 1477, 338, 418, 1424, 1491, 362, 1030, 1946, 1180, 1822, 725, 464, 1206, 1150, 1176, 1377, 2112, 1467, 2083, 134, 1334, 1158, 469, 1028, 351, 1559, 1485, 1460, 1564, 1823, 1458, 224, 1316, 1756, 1297, 1391, 9, 1076, 1677, 1314, 2127, 2125, 1573]. **Language-Free** [469]. **Languages** [552, 1912, 277, 1217, 739, 1475, 1819, 33, 389, 220, 1640, 1285, 1222, 1919, 556, 1948, 1225, 1178, 2150, 2153, 1286, 181, 1233, 1932, 239, 1713, 1212, 263, 238, 235, 236, 1563]. **Larchant** [753]. **Larchant-RDOSS** [753]. **Large** [751, 1379, 2272, 317, 430, 545, 1840, 442, 1942, 1625, 1289, 1006, 2130]. **Large-Scale** [442, 1006, 1840]. **Largest** [2308]. **Late** [252]. **later** [1799, 1810]. **Lattice** [1974]. **Lattice-Based** [1974]. **Lattices** [1340]. **Law** [1728]. **Layer** [1397, 367]. **Layered** [1051, 1419]. **Layers** [2061]. **Layout** [2046, 874, 156, 2047, 2246]. **Layouts** [1120]. **Lazy** [1204, 1220, 1285, 1196, 1286, 1931]. **Leader** [759]. **Leafary** [131]. **Leakage** [314]. **Leaks** [1286]. **Leapfrogging** [2141]. **Learn** [1419, 1413, 1881]. **Learnable** [159]. **Learning** [1440, 232, 1565, 1505, 1569, 1471, 2069, 835, 1519, 14, 158, 1419, 1396, 1242, 228, 1441, 1871, 227, 233, 1896, 1577, 240, 1472, 1877, 1563, 1853, 1688, 1501, 242, 1568, 1570, 1447, 1525, 241, 1859, 1445, 1165, 1894, 1451, 1249, 631, 239, 1713, 1399, 120, 238, 225, 930, 236, 1937, 1503, 1843, 1469, 1578, 1634, 1579, 1562, 1573, 1567, 1564, 1842, 1884, 71, 244]. **Learning-Goals** [1242]. **Least** [681]. **Leaves** [2002]. **Left** [516, 10]. **Left-Linear** [516]. **Legacy** [1037]. **Legal** [1063]. **Lemma** [330, 1294]. **Length** [67, 212, 949, 2278, 1388, 1697, 353]. **Length-Limited** [1697]. **Lenses** [2171]. **LESD** [1381]. **Lesions** [829]. **Less** [1721]. **Level** [640, 1912, 2200, 654, 444, 892, 2024, 1069, 268, 854, 1363, 1305, 1193, 432]. **Lexical** [1163]. **Libraries** [939, 1870]. **Library** [1021, 1027, 988, 184, 805]. **Life** [2090, 1658]. **Light** [207, 2228, 1822]. **Lighting** [655]. **Lightweight** [1197]. **like** [302]. **Limit** [197, 1583]. **Limitations** [1243, 1673, 1875]. **Limited** [37, 1164, 233, 1697]. **Linda** [1150]. **Line** [1104, 2270, 194, 871, 1985, 663, 678, 881, 26, 40, 843, 2199, 195, 2193, 2192, 2183, 612, 649, 869, 2197, 42, 875]. **Line-to-Line** [2199]. **Linear** [951, 327, 2251, 1664, 1698, 321, 2253, 2272, 1721, 1736, 19, 55, 1101, 56, 952, 1050, 1781, 1330, 1739, 207, 962, 1795, 220, 1733, 455, 516, 112, 696, 279, 301, 1801, 2143, 628, 2309, 518, 864, 1645, 44, 1198, 1463, 300, 846, 953, 822, 353, 1103, 163, 1273, 1802, 1563, 1788, 1570, 1792]. **Linear-Time** [1103, 1721, 44]. **linearity** [1791]. **Lines** [183, 666, 899, 611, 634, 1349]. **Linguistic**

[1478, 1354]. **Linkage** [1737]. **Lip** [2248]. **Lip-Synchronous** [2248]. **List** [425, 189]. **Lists** [1048, 1517, 1123, 1578]. **liveness** [1317]. **Liver** [639, 824]. **LL** [310, 1922]. **Load** [752, 2029, 28, 424, 1146, 1526, 1108]. **Loading** [1056]. **Local** [37, 1995, 68, 965, 2293, 549, 192, 954, 859, 64, 700, 1294, 1198, 576, 1517, 2202, 637, 629, 852, 248, 1392, 1859]. **Locality** [1198]. **Localization** [2198, 676, 1352]. **Localized** [1268]. **Locally** [1493, 2283, 2058]. **Location** [1332, 802, 1988, 182]. **Locations** [1106]. **Lock** [1078]. **Lofar** [899]. **Log** [153, 588, 586, 527, 173]. **Log-Polar** [588, 586]. **Log-Time** [153]. **Logarithmic** [1086, 936]. **Logic** [2163, 1481, 1048, 247, 287, 1173, 1415, 1681, 1049, 1202, 976, 1449, 1711, 944, 1435, 1417, 218, 1186, 1420, 2099, 500, 1405, 911, 1274, 1057, 207, 946, 528, 501, 652, 1900, 1206, 410, 344, 948, 112, 1888, 573, 134, 221, 947, 1924, 1198, 1523, 1462, 1939, 1184, 2162, 1444, 1509, 1387, 411, 982, 733, 1438, 1208, 734, 2191, 1201, 1427, 1466, 1828, 24, 1936, 23, 2160, 1369, 1566, 2054, 1567, 1581]. **Logic-Based** [2191]. **Logic-Oriented** [1939]. **Logical** [1421, 1405, 1500, 1900, 201, 117, 1502]. **Logics** [1433, 1166, 222, 1404, 1436]. **Logspace** [535, 1700]. **LOLITA** [2130]. **Long** [2229]. **Long-Term** [2229]. **Look** [1396, 1383]. **Looking** [2279]. **Loop** [330, 430, 432, 433, 627]. **Loops** [431, 1130]. **Loosely** [1329]. **Loss** [272, 2027]. **Lossless** [822]. **LOTOS** [267]. **Low** [1129, 808, 830, 420, 1710, 2232, 632, 444, 2258, 359]. **Low-Cost** [808, 359]. **Low-Weight** [2258]. **Lower** [243, 552, 25, 1702, 537, 544, 551, 186, 532, 553]. **LSE** [506]. **LSign** [1231]. **LU** [436]. **Lucas** [318]. **Lucas-Based** [318]. **Lung** [2209, 2208]. **Lungs** [697]. **LUT** [919]. **LVQ** [801, 646].

MAC [288]. **Maceral** [2224]. **MacGuffin** [1790]. **Mach** [2023]. **Machine** [1572, 911, 1896, 488, 779, 1688, 1187, 934, 359, 253, 1135, 1899, 1663, 1304, 1872, 1842]. **machine-assisted** [1304]. **Machines** [232, 552, 153, 1089, 1153, 546, 231, 444, 350, 401, 193, 1309, 66, 1582, 87]. **Machining** [39]. **MacMahon** [952]. **MacRad** [1838]. **Macrodynamics** [1975]. **Macrostructure** [1979]. **MACs** [289, 288]. **Magic** [166]. **Magnetic** [828, 2220, 2210, 625]. **MAI02L** [103]. **Mail** [876]. **Main** [2255, 1942]. **Mainstream** [406]. **Maintain** [2070]. **Maintaining** [383, 1766]. **Maintenance** [1054, 1380, 1254, 1520, 1392, 2079, 1843]. **Major** [1338, 2224]. **Majority** [551]. **Make** [1170]. **Making** [1032, 388, 1898, 1892, 2074]. **malicious** [1569]. **Malignness** [171]. **Malleability** [1994]. **Man** [779]. **Managed** [1615]. **Management** [920, 494, 360, 1743, 2022, 1611, 1594, 1260, 2111, 1605, 1279, 1280, 2114, 1753, 2102, 2016, 1589, 1604, 1300, 1744, 1597, 1748, 1754, 806, 1598, 1761, 1760, 1745, 1747, 2024, 1069, 1610, 774, 1763, 1615, 1370]. **Managerial** [1032]. **Managers** [1619]. **Managing** [2088, 141, 1599, 2113]. **Manifesto** [1260]. **Manifolds** [1643]. **Manipulation** [1703, 340, 466, 998, 1969]. **Manuscripts** [2191, 2245]. **Many** [1727, 1575]. **Map** [691, 2241, 1349, 1113, 72, 1016]. **map-trees** [72]. **Mapped** [1067]. **Mapping** [1134, 1493, 435, 592, 1139, 445, 2096, 919, 2195, 1135, 713]. **Mappings** [522, 1785]. **Maps** [1470, 722, 679]. **Mark** [1295, 1293, 1292]. **Mark-Sweep** [1295, 1293]. **marker** [1864]. **marker-passing** [1864]. **Markers** [2098]. **Market** [1430]. **Markets** [2120]. **Marking** [425]. **Markings** [1532]. **Markov** [640, 540, 585, 1157, 844, 822, 1005, 1006]. **Markov/Gibbs** [585]. **Markup** [1677]. **Marrying** [1650]. **MARS** [2046]. **Masks** [1897]. **Massively**

[1012, 808, 2065, 356, 1143, 364, 358]. **MASTAC** [354]. **Master** [1092, 452]. **Master-Slave** [452]. **Match** [1077]. **Matching** [860, 703, 2144, 2198, 836, 1738, 1183, 798, 1102, 184, 498, 883, 819, 799, 621, 1739, 2068, 41, 1150, 557, 792, 198, 2192, 620, 581, 622, 21, 2303, 2036, 1723, 1106, 800, 619, 861]. **Matching-Time** [1739]. **Matchings** [46]. **Material** [1072]. **Materialized** [1780]. **Mathema** [1441]. **Mathematica** [493]. **Mathematical** [1674, 107, 469, 118, 523, 1677, 2131]. **Mathematics** [1559]. **Matrices** [27, 2261, 167, 1803]. **Matrix** [1128]. **Matroid** [120]. **Matsumoto** [307]. **Maurer** [2259]. **Max** [962, 1712]. **MAXCLIQUE** [186]. **Maximal** [2144, 56, 162, 147, 1733, 2294, 957, 636, 456]. **Maximization** [544]. **Maximum** [1094, 136, 1926, 1511, 178]. **MBC** [358]. **MBC-100** [358]. **MC** [2169]. **McCurley** [2265]. **McGuffin** [1809]. **MCM** [451]. **MCM-Based** [451]. **MCR** [2240, 877]. **Mcube** [450]. **MD4** [1804]. **MDS** [2255]. **MDx** [288]. **MDx-MAC** [288]. **Mean** [1134, 124]. **Means** [1270, 2211]. **Measure** [534, 380, 1167, 604, 1079]. **Measurement** [670, 657, 1020]. **Measurements** [2018]. **Measures** [1325]. **Measuring** [1450, 1365, 2032, 712, 996, 1325]. **Meat** [905]. **Mechanically** [1194]. **Mechanics** [2262]. **Mechanism** [1505, 2082, 420, 1267, 994]. **Mechanisms** [2231, 1494, 1453, 1761]. **Mechanized** [734]. **Mechanizing** [714, 475]. **mEDA** [352]. **mEDA-2** [352]. **Media** [2019, 2049, 2032, 644, 2035, 1776]. **Medial** [1736]. **Median** [382, 803]. **Medical** [609, 1833, 662, 684, 1927]. **Medicine** [9]. **Meet** [2267]. **Meeting** [2021]. **Meetings** [1073]. **Meets** [1918, 1279, 2170]. **Meldable** [49]. **Membership** [181, 1894, 1564]. **Memoing** [1210]. **Memorable** [2207]. **Memories** [2067]. **Memory** [37, 1104, 1067, 355, 540, 718, 1243, 1086, 1164, 434, 233, 2064, 1087, 758, 1300, 708, 1019, 426, 1294, 414, 2195, 2291, 1942, 349, 152, 753, 1005, 1148, 1885, 2274, 1851, 1878]. **memory-based** [1878]. **Memory-Limited** [1164]. **Memory-Mapped** [1067]. **MEMSY** [365]. **Mental** [101, 500]. **Merging** [1406, 1752, 542]. **Meristematic** [1991]. **Mesh** [2158, 1850]. **Mesh-Connected** [2158]. **Meshes** [422, 1143, 1087, 1088, 2001, 562, 1135, 2196, 1142]. **Meshing** [2203]. **Message** [289, 25, 2155, 290]. **Mesure** [904]. **Meta** [2100, 1386]. **Meta-Reasoning** [1386]. **Metacircular** [464]. **Metafinite** [216]. **metallic** [1837]. **Metaphor** [1512, 1593, 1497]. **Metaphors** [1627]. **Metatheory** [1554]. **Meteosat** [894]. **Method** [802, 721, 874, 584, 739, 1492, 176, 1432, 1041, 824, 365, 809, 1455, 2194, 141, 636, 655, 364, 302, 998, 1813, 1928, 2277, 354, 568, 2032, 1522, 1006, 876, 336, 2246, 163, 693, 2236, 930, 1876]. **Methodolgy** [926]. **Methodological** [1239]. **Methodology** [1364, 470, 1918, 1592, 694, 1367, 1934, 2051]. **Methods** [2225, 289, 1908, 814, 1127, 1342, 498, 1510, 1833, 271, 483, 1992, 2101, 2180, 469, 117, 1930, 475, 120, 1824, 768, 682]. **Metonymy** [10]. **Metric** [274, 1364, 1859, 1884]. **Metrical** [38]. **Metrics** [1381, 1378]. **METU** [1022]. **Micronesia** [1348]. **Microprocessors** [356]. **Microscope** [2202]. **Microsystems** [940]. **Mid** [892]. **Mid-Level** [892]. **MIDAS** [1076]. **Migration** [37, 1774]. **MIKE** [1375]. **Millennium** [1326]. **MIMD** [914, 1150, 1148]. **Min** [2304, 962]. **Min-Cut** [2304]. **Mind** [1170]. **Minimal** [1200, 2251, 2144, 161, 229, 2254, 2143, 1400, 919, 2256]. **Minimization** [688, 1797]. **Minimizing** [2305, 1930]. **Minimum** [757, 2272, 183, 885, 162, 62, 2309, 58, 175, 89]. **Minimum-Redundancy** [58].

Minimum-Weight [2272]. **minor** [1579]. **Miranda** [2126]. **Mirror** [674]. **Miss** [1299]. **Missing** [880]. **Mixed** [1083, 1958]. **Mixing** [367]. **MNP** [187]. **MOA** [1289]. **Mobile** [1121, 1160, 1002, 41, 1895, 254, 1601, 613, 2171, 750]. **Modal** [575, 2053, 1404, 1544, 1438, 1885, 2051]. **Modal-calculus** [2053]. **Modality** [1515]. **Mode** [1190]. **Moded** [1226]. **Model** [2166, 337, 1431, 1767, 1204, 1084, 328, 1965, 1109, 2313, 802, 814, 2091, 1487, 1423, 884, 1364, 1684, 1215, 100, 1262, 249, 1417, 1446, 2059, 1032, 1442, 778, 276, 1320, 434, 18, 1496, 989, 2085, 1175, 1372, 585, 1351, 1373, 216, 1530, 2102, 1504, 1500, 678, 1150, 594, 1195, 2170, 191, 2280, 2101, 278, 250, 373, 2083, 221, 2157, 2221, 1334, 574, 1400, 1058, 2205, 2093, 1623, 1456, 1762, 1927, 1815, 642, 223, 454, 1617, 152, 590, 407, 1676, 248, 1361, 1331, 596, 710, 1941, 974, 1846, 1849, 1301, 2053, 2050, 85, 2056]. **Model-Based** [989, 1351, 2170, 642, 1846]. **model-building** [85]. **Model-Checking** [373, 2056]. **Model-Equivalent** [2083]. **Modelers** [2117]. **Modeling** [776, 1344, 1976, 1630, 1950, 2108, 771, 1435, 2099, 2098, 1635, 989, 1358, 690, 772, 2097, 2083, 1019, 2227, 117, 1498, 2100, 1650, 1550, 2079, 1689, 1654, 1655, 2317]. **Modelling** [672, 597, 1420, 1613, 1020, 1045, 1508, 775, 1462, 334, 1001, 1485, 977, 624, 1756]. **Models** [640, 836, 1674, 215, 205, 257, 2122, 500, 1991, 641, 1534, 1693, 1337, 1354, 332, 1207, 2116, 1612, 2152, 1525, 1014, 1683, 1247, 1662, 589, 822, 118, 1361, 1362, 2106, 1691, 768, 1899, 1663]. **Moderate** [1719, 1148]. **Modes** [1332, 1078, 1190, 1545]. **modifiable** [83]. **Modifying** [2218]. **Modular** [2005, 1917, 942, 2004, 1817, 567, 2016, 278, 520]. **Modules** [2168, 1748]. **Modulo** [550, 2269, 1797]. **Moffat** [1096]. **Molecular** [198]. **Moment** [650, 2236]. **Moment-Based** [650]. **Moments** [639, 843, 998, 664]. **MONA** [2054]. **Monaco** [446]. **Monadic** [219, 2054]. **Money** [1897]. **Monitoring** [675, 463, 1616]. **Monocular** [635]. **Monoids** [379]. **Monotone** [1124, 1725]. **Monotonic** [1389, 1650, 1726]. **monotonicity** [1573]. **Montague** [1957]. **Moore** [1303]. **Morishima** [167]. **Morphing** [684]. **Morphisms** [149]. **Morphological** [1076]. **MOSES** [2120]. **Motion** [2225, 810, 609, 608, 2229, 588, 607, 701, 652, 891, 1543, 892, 615, 593, 34, 823, 599, 2319]. **Motion-Based** [593]. **Motzkin** [150]. **Moulded** [689]. **Mouse** [639]. **Movements** [1176]. **Moving** [361, 2173, 627]. **MPEG** [2026]. **MPEG2** [2048]. **MPI** [419]. **MPP** [406]. **MPx** [359]. **MR** [827]. **MRF** [884, 891]. **MRI** [2211, 832]. **MST** [885, 333]. **MTF** [644]. **Mu** [279]. **Mu-Calculus** [279]. **Muller** [1523]. **Multi** [2266, 2038, 873, 99, 1470, 363, 1419, 2220, 1397, 1217, 296, 1441, 1450, 2306, 748, 2151, 138, 1605, 1193, 678, 1087, 2168, 786, 1416, 1597, 96, 1998, 1246, 1452, 1069, 1458, 1522, 862, 1776, 1885, 351]. **Multi-Action** [2151]. **Multi-Agent** [99, 1470, 1397, 1441, 1450, 786, 1416, 96, 1452, 1458]. **Multi-Dimensional** [2266, 748, 1087, 1998]. **Multi-domain** [1597]. **Multi-Echo** [2220]. **Multi-Layered** [1419]. **Multi-Level** [1069, 1193]. **Multi-media** [1776]. **Multi-Modal** [1885]. **Multi-Model** [678]. **Multi-object** [2168]. **Multi-objective** [1522]. **Multi-Part** [873]. **Multi-Party** [2038, 296]. **Multi-Polygonal** [862]. **Multi-Scale** [2306]. **Multi-Service** [1605]. **Multi-SIMD** [351]. **Multi-Step** [1246]. **Multi-Threaded** [363, 1217]. **Multi-Weighted** [138]. **Multiattribute** [350]. **Multibody** [2213]. **Multicast** [2039, 2037, 2000, 1018, 2036, 1625]. **Multicomputers** [457]. **Multicut** [1111]. **Multidatabase** [1025]. **Multienvironment** [1977]. **Multigrid** [1127, 364]. **Multilevel** [1336, 1766, 1427, 1466]. **Multilinguality**

[1468]. **Multimedia** [1359, 1692, 2045, 1018, 2017, 1693, 2015, 1913, 2033, 1617, 2024, 994, 1610]. **Multimodal** [684]. **Multiparadigm** [1205]. **multipermutations** [1804]. **Multiple** [1471, 378, 550, 1974, 833, 1952, 1050, 98, 1492, 2173, 1465, 1455, 685, 1043, 1386, 1869, 1801, 1839]. **Multiplierless** [936]. **Multipliers** [729]. **Multiprocessor** [365, 2157, 452, 448]. **Multiprocessors** [434, 330, 1131, 708]. **Multiresolution** [1337, 2211, 796]. **Multiscale** [2235, 662, 817, 606]. **Multisearch** [1084]. **Multiset** [1178, 1198]. **MultiSite** [1755]. **Multithreading** [357, 416]. **Multiwave** [451]. **Multiwindow** [1014]. **MUM** [2279]. **Muscle** [825]. **Museum** [1074]. **Music** [1064, 2191]. **must** [1301]. **Mutation** [1893, 73].

n [527, 1626, 1016]. **N-MAP** [1016]. **n050** [136]. **n050/02** [136]. **Nagoya** [1896]. **Naive** [1321, 1591]. **Name** [1229, 2301]. **Narrowing** [1204, 506, 1182, 1184, 975]. **NARX** [1903]. **National** [1520]. **native** [1844]. **Natural** [1477, 1424, 786, 1467, 1334, 1158, 1460, 1211, 1458, 9, 1076, 74]. **Natural-Semantics-Based** [1211]. **Naturals** [952]. **Navier** [361]. **Navigable** [1473]. **Navigation** [1332, 1327, 1496, 839, 1333, 2171]. **Navigational** [1972]. **NC** [1741, 2003, 39, 1700, 224]. **Near** [2281, 1115, 2228]. **Near-Optimal** [1115]. **Nearest** [1245, 1855]. **Nearly** [229]. **Need** [1356, 517, 785, 1804]. **Needed** [1744]. **Needles** [1672]. **Needs** [784]. **Negated** [159]. **Negation** [18, 1958, 1161]. **Neighbor** [1245, 1855]. **Neighborhood** [44]. **Neighbourhood** [1139, 1515]. **Neighbourhood-Constrained** [1139]. **Nested** [1078, 1066, 1569]. **Net** [258, 389, 334, 1683]. **Nets** [1008, 386, 1007, 273, 260, 2092, 1654]. **Network** [337, 2165, 1595, 494, 16, 197, 657, 2094, 630, 1291, 1120, 445, 2280, 1920, 1888, 1604, 688, 2241, 1623, 2239, 1521, 2024, 450, 1576, 1881, 83]. **Network-Based** [2024]. **Networked** [1913]. **Networking** [2042]. **Networks** [2304, 1493, 1159, 1004, 795, 1473, 1519, 277, 423, 473, 2293, 1605, 2041, 1009, 1903, 749, 50, 2020, 954, 618, 2043, 1889, 817, 646, 1601, 1107, 2162, 444, 2234, 816, 2262, 815, 244, 1498, 978, 2210, 1625, 179, 451, 1659, 468, 548, 1522, 1901, 1887, 2040, 86, 1576]. **Networks-Zero-Copy** [2020]. **Neural** [328, 1446, 473, 2094, 630, 445, 1888, 688, 817, 2234, 816, 815, 244, 2239, 2210, 1659, 1887, 661, 86, 1576, 1881]. **Neuro** [814, 1890, 1634, 1897]. **Neuro-Fuzzy** [1890, 1634]. **Neuro-Money** [1897]. **Neurobiology** [830]. **Neurocomputing** [1448]. **Neurons** [1402]. **Neuropathy** [1256]. **Next** [1608]. **NFS** [317]. **NG** [415]. **Nirmani** [2077]. **NLP** [1480]. **NN** [1525]. **No** [1735, 1600, 2062]. **Node** [2156]. **Nodule** [2209]. **Noise** [893, 1504, 850, 1569, 70]. **Noisy** [844, 2184, 1574]. **Non** [715, 1389, 1408, 1995, 68, 1940, 609, 1347, 830, 1217, 833, 1475, 1548, 745, 2168, 1480, 1943, 1375, 742, 1650, 521, 1461, 160, 2196, 855, 1844, 2059, 1490, 1316]. **Non-Atomic** [1408]. **Non-Blocking** [745]. **Non-Convex** [2196]. **Non-deterministic** [2168, 1316]. **Non-Diffident** [1461]. **Non-Duplicating** [521]. **Non-empty** [160]. **Non-extensional** [1480]. **non-finite** [2059]. **Non-first-order** [1475]. **Non-Functional** [1375]. **Non-Monotonic** [1389, 1650]. **non-native** [1844]. **Non-Oblivious** [1995]. **Non-Overlapping** [68]. **Non-Parametric** [1548, 855]. **Non-Polyhedral** [833]. **Non-Primitive** [715]. **Non-Rigid** [609]. **Non-Spatial** [1347]. **Non-stochastic** [1631]. **Non-Stratified** [1943]. **Non-Strict** [1217]. **Non-Terminating** [1940].

non-Trivial [1490]. **Non-Uniform** [830]. **Nonconvex** [457]. **Nondeterminism** [275]. **Nondeterministic** [2313, 257]. **Nonfrontal** [2217]. **Nonlinear** [1257]. **nonlinearity** [1787]. **Nonmonotonic** [530, 1404, 1403]. **Nonregular** [552]. **Nonstationary** [1526]. **Nonuniform** [537]. **Nonvisual** [1332]. **Normal** [587, 521, 1439]. **Normalization** [1781, 1552, 511, 1964]. **Normalizing** [975]. **Normative** [101, 1590]. **Norms** [101]. **Not-So-Nearly-Minimal-Size** [229]. **Notation** [1951]. **Note** [2275, 1641]. **Notes** [920]. **Nothing** [2159]. **Notion** [534, 274, 2149, 538, 1199]. **Notions** [523]. **Novel** [2044, 21]. **NP** [188, 2003, 187, 219, 125, 1700, 547]. **NP-Complete** [125, 547]. **NP-Hard** [2003]. **NPO** [544]. **NR** [1782]. **Nuclear** [2121]. **Nuclei** [639]. **NUMA** [2157]. **Number** [1666, 755, 168, 936, 144, 1391]. **Numbers** [550, 202]. **Numerical** [367]. **Nuts** [1738].

O [1067, 54, 2019, 136, 1556, 943]. **O-Algorithms** [53]. **O-automata** [2050]. **O-Complexity** [1703]. **OASIS** [1028]. **OBDD.** [147]. **Object** [2166, 1332, 1976, 1356, 2082, 1965, 672, 836, 2088, 1547, 132, 1038, 2099, 1030, 1022, 11, 2072, 1961, 372, 1045, 2085, 1385, 1352, 1918, 1280, 2084, 1530, 1772, 2109, 763, 1365, 1036, 1948, 1015, 1959, 1963, 1816, 2083, 653, 2080, 1060, 1612, 2117, 1528, 627, 1779, 1329, 1537, 351, 1928, 764, 1929, 1942, 2100, 892, 2113, 2090, 2191, 1966, 1529, 486, 807, 1029, 1531, 862, 2118, 900, 2081, 1269, 673, 2106, 2188, 1964, 1956, 2182, 1542, 2168]. **Object-** [1332]. **Object-Instance-Based** [2082]. **Object-Orientated** [1329]. **Object-Orientation** [1332]. **Object-Oriented** [1976, 2082, 1965, 132, 1038, 1030, 1022, 11, 1961, 1045, 1385, 1918, 1280, 763, 1365, 1036, 1015, 1959, 1816, 2083, 2080, 1060, 351, 1928, 764, 1929, 2100, 892, 2191, 1966, 807, 1029, 1269, 2188, 1964, 1956]. **Object-Relationship** [2088]. **Object-Z** [486]. **Objectbase** [1769]. **Objectbases** [1931]. **Objective** [1364, 1522]. **Objects** [751, 1051, 835, 13, 496, 2091, 1950, 1443, 917, 597, 101, 1536, 833, 1101, 1352, 1960, 758, 2173, 1978, 1535, 891, 817, 685, 1046, 2096, 1490, 858, 1680, 2107, 2219, 1066, 1550, 1653, 1615, 1331, 596, 840, 2179, 2131]. **Obligations** [1363]. **Oblivious** [1995, 295, 296, 297]. **Observable** [1157]. **Observation** [252, 2292]. **observational** [1319]. **Observer** [627]. **Observers** [1507]. **Observing** [2297]. **Obstacle** [701]. **Obstructions** [60]. **Occluded** [817]. **Occluding** [602]. **OCR** [2239]. **Odd** [1735]. **Odin** [1757]. **ODMG** [1961]. **ODMG-93** [1961]. **ODP** [1621]. **Off** [875, 416, 2183]. **Off-Line** [2183, 875]. **Off-the-Shelf** [416]. **Offline** [1194]. **oil** [177]. **Old** [2245, 1561]. **omega** [1316, 113]. **omega-automata** [1316]. **Omniscience** [1405, 201]. **OMT** [1612]. **On-Board** [929, 1840]. **On-Line** [2270, 871, 881, 195, 2193, 2192, 42]. **On-the-fly** [1293]. **Onco** [1082]. **Onco-Pathology** [1082]. **One** [1295, 535, 546, 1097, 1799, 1802, 1562, 1810]. **one-counter** [1562]. **One-Way** [535]. **Online** [41, 1118]. **Only** [2025, 246]. **onto** [445, 923, 919]. **Ontology** [2, 22]. **OO** [2098, 2121, 2119]. **OODB** [1946]. **OODBMS** [765]. **OODBPL** [1023]. **OP** [72]. **Open** [1291, 1596, 2015, 1914, 1452, 1610, 84]. **Operands** [353]. **Operating** [2016]. **operation** [2316]. **Operational** [768, 1319]. **Operations** [507, 708, 9, 1328]. **Operative** [2069]. **Operator** [577, 1836, 74]. **Operators** [1516, 847, 1323, 1644, 1521, 1511, 1066]. **Opportunities** [475, 1451]. **Optical** [1109, 669, 586, 872]. **Optimal** [422, 53, 747, 1084, 552, 1722, 1085, 158, 427, 1730, 863, 1124, 423, 2281, 1115, 1139, 1352, 330, 1120,

393, 797, 591, 708, 1714, 241, 436, 2001, 137]. **Optimality** [1215]. **Optimisation** [1523, 1522, 1868, 1873, 79, 80]. **Optimization** [1671, 230, 525, 187, 27, 1962, 2095, 344, 957, 1963, 426, 1070, 1151, 1521, 1117, 1461, 2175]. **Optimization-Based** [957]. **Optimizations** [448]. **Optimize** [1278]. **Optimized** [1105, 1897]. **Optimizing** [1220, 964, 110, 1233]. **Optimum** [1335, 1793]. **Option** [801]. **Or-parallelism** [411]. **Oracles** [539, 1574]. **Order** [1916, 535, 884, 218, 630, 528, 958, 1919, 143, 221, 1227, 1184, 733, 960, 1828, 1212, 23, 804, 1317, 1475, 2054, 1798]. **Order-Sorted** [143]. **Orderable** [2011, 384]. **Ordered** [1703, 1049, 1340, 579, 1577]. **Ordering** [966, 565, 2214, 1523, 756, 1341]. **Orderings** [509, 1221, 2294]. **Orders** [564, 17, 1717]. **ordinate** [1619]. **Organisation** [1601]. **Organising** [816, 1346]. **Organization** [1061]. **Organizational** [95]. **Organizations** [1451]. **Organized** [1326]. **Orientated** [1329]. **Orientation** [1332, 605, 39, 2199, 900]. **Oriented** [1976, 2082, 1965, 1917, 132, 1038, 2099, 1030, 1022, 11, 2072, 1961, 1016, 1045, 1385, 1918, 1280, 2109, 763, 1365, 1036, 1033, 1015, 1959, 1816, 2083, 2080, 1060, 910, 1939, 1779, 351, 1928, 2202, 764, 1929, 2100, 892, 2191, 1966, 807, 1029, 1269, 928, 1430, 2188, 1964, 1956, 1318, 346, 2051]. **Orthogonal** [1734, 2147, 127, 665, 511, 1745, 1568]. **Other** [1510, 925, 34]. **OTI** [988]. **our** [2262]. **Outerplanar** [168, 383]. **Outlines** [1532]. **Outperforms** [1510]. **Output** [212, 147, 1647]. **Output-Size** [147]. **Overcome** [1672]. **Overhead** [420]. **Overlapping** [68, 445, 516]. **Overview** [1742, 1530, 775]. **Oz** [1187, 407, 1676].

P [534]. **P4s** [1984]. **PAC** [1578, 244]. **PAC-Learning** [244]. **Packages** [903]. **Packet** [2027, 2040]. **Packet-Switched** [2040]. **Packing** [808, 1091, 136]. **Packings** [155]. **PAG** [1214]. **Page** [37]. **Pair** [55, 131]. **Pairs** [2304, 1096, 2007]. **Pandiagonal** [166]. **paper** [2124]. **Paraconsistent** [1417]. **Paradigm** [1145, 529, 1572, 1561]. **Paradigms** [1501, 2285]. **Parallel** [524, 326, 1708, 327, 1084, 2144, 461, 212, 1147, 338, 425, 203, 435, 1012, 808, 2065, 811, 1140, 363, 16, 1912, 1085, 2158, 415, 1089, 1156, 2004, 1124, 412, 1145, 1011, 1154, 1720, 156, 1142, 339, 386, 356, 1016, 368, 1143, 439, 445, 946, 1141, 2010, 369, 464, 1034, 157, 1206, 331, 1153, 1277, 367, 1041, 130, 346, 365, 809, 1716, 446, 433, 2307, 348, 364, 686, 1925, 1146, 437, 459, 1661, 333, 350, 2048, 1151, 443, 442, 1152, 1155, 335, 1112, 451, 465, 1662, 359, 1035, 1209, 2164, 1149, 1148, 413, 1013, 353, 1135, 1899, 1663, 710, 163]. **Parallel** [193, 358, 1273, 418, 80]. **Parallel/Distributed** [193]. **Parallelising** [458]. **Parallelism** [408, 1185, 410, 517, 2062, 467, 400, 428, 406, 351, 275, 411]. **Parallelization** [361, 431, 1130, 1944, 15, 354, 438]. **Parallelizing** [337, 1166, 1128, 438]. **Parameter** [863, 2221, 2071]. **Parameterised** [277]. **Parameterized** [2092]. **Parameters** [588, 797, 591]. **Parametric** [1143, 1548, 399, 589, 1524, 855]. **Parametrization** [665, 1533]. **Parental** [1514]. **Parity** [2258]. **PARIX** [421]. **PARMA** [350]. **Parser** [1426, 1393]. **Parsers** [2287]. **Parsimonious** [1425, 1464]. **Parsing** [554, 1919, 1922, 1178]. **Part** [873, 2286, 1459]. **Part-of-Speech** [1459]. **Partial** [747, 744, 564, 1194, 1195, 59, 1077, 1774, 1731, 1317]. **partial-order** [1317]. **Partiality** [2293]. **Partially** [1443, 1157]. **Particle** [614, 2177, 75]. **Particles** [1146]. **Partition** [2006]. **Partitioning** [1741, 2003, 1217, 1783, 433, 1135, 928, 78]. **Partitions** [1101, 2146]. **Partly** [1293].

Parts [1536]. **Party** [2038, 1758, 296, 319, 953]. **Pass** [1295]. **Passing** [2299, 2301, 1864]. **Passive** [1109]. **Past** [1406]. **Patch** [709]. **Patches** [1536]. **Path** [2302, 1394, 35, 2281, 2008, 2283, 1333, 1096, 1070, 1624, 1335, 2007]. **Pathology** [1082]. **Paths** [47, 150, 1085, 383, 1704, 145]. **Pattern** [868, 605, 1102, 184, 694, 2303, 2036, 237, 2246]. **Pattern-Matching** [2036]. **Patterns** [841, 835, 1343, 385, 612, 1565, 1877]. **paying** [10]. **Payoff** [124]. **PB** [544]. **PB-complete** [544]. **pC** [1010]. **PDL** [1476]. **PDL-based** [1476]. **Pedagogical** [501]. **Pei** [417]. **People** [648, 1033]. **PEPP** [346]. **Perception** [1541, 1347]. **Perceptron** [1419]. **Perfect** [316, 2257, 41]. **Perform** [1505]. **Performance** [1288, 1051, 995, 1012, 1378, 1890, 565, 1038, 2029, 1016, 1773, 1605, 950, 915, 656, 369, 1018, 1017, 342, 2172, 2020, 1600, 2043, 999, 916, 293, 2018, 1010, 1607, 1810, 1774, 462, 1934, 1035, 1353, 1209, 2164, 1362, 1013, 1000, 693]. **Performance-Oriented** [1016]. **Periodic** [2253, 2034]. **Periodically** [149]. **Periodicity** [149, 555]. **Periods** [1717]. **Permutation** [2158, 2010]. **Permutation-Based** [2158]. **permutations** [1785]. **Perpetual** [314]. **PerPreT** [1012]. **PERs** [1188]. **Persistent** [1067, 753]. **person** [77]. **Personal** [1357, 1600, 1623, 1607]. **Perspective** [1428, 1673, 1328, 599, 76, 1883]. **Perspectives** [1355]. **Pertaining** [665]. **Petri** [1008, 258, 386, 1007, 389, 273, 394, 334, 260, 1683, 2092, 1654]. **PFFM** [167]. **PFSLib** [348]. **Phase** [667, 955, 859, 700]. **PHdPHd1dK** [1009]. **Phenomena** [1446, 1003]. **philosophers** [2056]. **Philosophical** [1677]. **Photometric** [836]. **PhotoPix** [807]. **Physical** [1487, 1068, 408, 191, 2317]. **Physics** [1546, 1547, 1543, 1411, 1550, 52, 533]. **Physics-Based** [1547, 1543, 1411, 1550]. **Picks** [1490]. **pieces** [1839]. **Piecewise** [841, 846]. **Piecewise-Linear** [846]. **Pipe** [1521]. **Pipeline** [729, 731]. **Pipelined** [2159]. **Pipelines** [1783]. **Pipelining** [1136, 357]. **Pixel** [849]. **PKZIP** [1794]. **Place** [847, 1721, 542, 58]. **plaintext** [1794]. **Planar** [381, 2003, 128, 2283, 383, 56, 162, 126, 1639, 1733, 2307, 1119, 634, 2282, 43, 2179, 738]. **Planarity** [1098]. **Planarization** [1987]. **Plane** [54, 586, 1097, 1601]. **Planes** [681]. **Planned** [1520]. **Planner** [1491, 1257, 1878]. **Planning** [1495, 109, 1242, 1274, 98, 767, 1351, 1409, 2078, 1751, 1074, 92, 117, 837, 34, 769, 1427, 1466, 791, 774, 1848, 2319]. **Plans** [110]. **Plant** [826, 615]. **Plants** [1647]. **Plastic** [689]. **Platform** [366, 913]. **Plausibilistic** [845]. **Play** [90]. **Playback** [2029]. **Player** [2026]. **Playout** [2046]. **PLD** [921]. **Pohnpei** [1348]. **Point** [128, 1730, 1900, 726, 594, 2228, 637]. **Pointers** [1067]. **Points** [1116, 382, 1644, 1100, 579, 2181, 2236]. **Poisson** [364]. **Polar** [588, 586, 594, 26]. **Polarized** [2301]. **Policies** [540]. **Policy** [1005]. **Poly** [1514]. **Poly-Parental** [1514]. **Polyadic** [255]. **Polygon** [1698, 35, 1736, 1100, 1538, 1103]. **Polygonal** [2186, 2187, 862]. **Polygons** [382, 1124, 1699, 30, 130, 677]. **Polygons-Beyond** [1699]. **Polyhedra** [31]. **Polyhedral** [833, 1119]. **Polymorphic** [1219, 255, 1208, 1234, 2290]. **Polynesia** [1347]. **Polynomial** [212, 35, 19, 1219, 1388, 374, 444, 981, 2295, 169, 1719, 213]. **Polynomials** [164, 2315]. **Population** [489, 1893]. **Portable** [461, 446, 1233, 1210]. **Portuguese** [1457, 1459]. **Pose** [685, 632, 635]. **Position** [657]. **Positions** [579]. **Positive** [1726, 559, 238, 1563]. **Possibility** [761]. **Possible** [328]. **Postirradiation** [697]. **Potato** [1998, 1107]. **Potential** [1887]. **Power** [920, 2300, 219, 658, 220, 396, 2288, 673].

Powers [2269]. **PQL** [1377]. **Practical** [1251, 1338, 721, 54, 1711, 1944, 106]. **Practice** [1908, 743, 2121, 266, 1661, 2054]. **Pragmatic** [1551, 7, 8]. **Pragmatics** [1]. **PRAM** [426, 400]. **PRAM-Programs** [426]. **Praxis** [1688]. **Pre** [1626]. **Pre-Design** [1626]. **Preattentive** [707]. **Precomputing** [295]. **Precondition** [1495]. **Predicate** [1471, 274, 569, 24]. **Predicates** [717, 760, 1953, 437, 235]. **Predicted** [2012]. **Prediction** [894, 1012, 1474, 1448, 822, 1013]. **Predictive** [2173, 1245]. **Predictors** [1378]. **Preemption** [2150]. **Preference** [1333, 1404]. **Preferential** [1169]. **Prefetching** [430, 1299]. **Preliminary** [1479, 1433, 1638, 1472]. **Preorder** [565, 515]. **Prepaid** [2263]. **PREPARE** [1604]. **Preprocessing** [845]. **Presburger** [1213]. **Presence** [2281, 2156, 1569]. **Presentations** [217]. **Presenting** [1454, 1422]. **Preservation** [223]. **Preserve** [171]. **Preserving** [507, 522]. **Pretty** [266]. **Preventive** [1500]. **Primal** [199]. **Primal-Dual** [199]. **Primary** [2231, 1540]. **Prime** [2269]. **Primer** [1669]. **Primes** [317]. **Primitive** [715, 387]. **Primitives** [2233, 635, 2288, 2150, 2318]. **PRINCE** [1907]. **Principles** [306, 1619, 2125]. **Print** [879]. **Printed** [648, 877]. **Prints** [1027]. **priori** [872]. **Priorities** [1481]. **Priority** [48, 49, 1155]. **prisoner** [88, 77]. **Privacy** [1588]. **Private** [296]. **Proactive** [314]. **Probabilistic** [2313, 621, 233, 699, 2237, 231, 618, 398, 1573, 2162, 265, 264, 668, 1313, 2058]. **Problem** [524, 230, 1708, 67, 698, 1709, 1160, 1434, 63, 2011, 1423, 194, 2281, 1092, 56, 1492, 549, 1739, 1740, 138, 1872, 941, 1071, 1718, 147, 543, 191, 26, 1118, 131, 173, 190, 192, 628, 1465, 1926, 561, 1696, 953, 1515, 2007, 1149, 1391, 1113, 713, 72, 89]. **Problems** [1995, 188, 1664, 1482, 1802, 1516, 2003, 187, 1304, 156, 384, 2308, 1126, 27, 1141, 979, 557, 1472, 1904, 544, 108, 1988, 182, 364, 104, 551, 1695, 1119, 1517, 1246, 1518, 978, 1133, 562, 1935, 1128, 985, 956, 1111, 1868, 1873, 81, 1876, 1850, 1797, 2315]. **Procedure** [563, 12, 981, 268]. **Procedures** [719, 1483]. **Process** [370, 1359, 1630, 283, 811, 285, 2029, 2151, 1753, 262, 2102, 1017, 1892, 999, 1980, 1498, 1412, 1411, 997, 1360]. **Processes** [540, 378, 2299, 563, 565, 249, 1177, 386, 1358, 1157, 254, 265, 1727, 2059, 2058]. **Processess** [2103]. **Processing** [1332, 1104, 1477, 1771, 813, 808, 1140, 830, 942, 1145, 921, 657, 356, 1954, 1953, 1141, 369, 331, 1041, 805, 365, 843, 1596, 708, 1158, 1925, 1039, 121, 366, 935, 443, 1774, 1201, 451, 807, 359, 1458, 1538, 918, 1979, 1402, 1524, 1273]. **Processor** [810, 25, 908, 911, 330, 357, 749, 1072, 195, 2033, 1133, 1901]. **Processor-Time** [25]. **Processors** [416, 333]. **Procol** [571]. **Producer** [977]. **Producer/Consumer** [977]. **Product** [1056, 550, 1365, 916]. **Production** [770, 1886, 1832, 787, 769, 791, 1398]. **Products** [2120]. **PROFIL** [1837]. **Profiles** [623]. **Program** [2163, 204, 1681, 1821, 229, 1378, 1177, 340, 466, 246, 344, 1377, 440, 465, 1685, 2137, 1581]. **Programmable** [943]. **Programmes** [986]. **Programming** [929, 1682, 188, 247, 418, 1449, 739, 1435, 1417, 1420, 339, 458, 434, 989, 979, 1640, 343, 777, 1383, 1179, 108, 1225, 2083, 1501, 969, 1924, 1462, 1184, 2162, 1444, 980, 497, 411, 982, 993, 1527, 1438, 986, 1117, 953, 407, 1676, 1209, 2164, 991, 1936, 1197, 928, 1430, 2160, 1956, 72, 2130, 2131, 2125, 2137, 2136, 2128, 2129, 2124]. **Programs** [1203, 1129, 995, 435, 1216, 1202, 976, 1186, 339, 458, 1220, 439, 12, 1221, 946, 245, 410, 1943, 346, 1921, 1226, 110, 1501, 963, 437, 1010, 1958, 960, 1649, 1208, 1651, 1367, 214, 1964, 553, 2132, 1567, 1943, 426]. **PROGRES** [1371]. **Progress** [1333, 1298]. **Progressive** [2204, 953]. **Project**

[1381, 2122, 1326]. **Projection** [16, 1234, 20]. **Projective** [677]. **projects** [1835]. **Proliferative** [829]. **Prolog** [1236, 1777, 1226, 448, 459, 1237]. **PROMAL** [1438]. **Promoting** [1418]. **Proof** [113, 1908, 717, 418, 109, 1363, 249, 1388, 1552, 12, 476, 110, 1558, 568, 2148, 1828, 211, 1168, 1304, 2139, 2051]. **Proofs** [204, 2165, 313, 1167, 2155, 532, 181, 523, 737, 2315]. **Propagation** [25, 1275, 445, 118, 1392, 710, 974]. **Proper** [158, 922]. **Properties** [63, 329, 91, 1216, 281, 273, 867, 545, 398, 114, 1174, 1792, 520, 1649, 1361, 336, 1317, 2058]. **Property** [197, 521]. **Proposal** [1896, 686, 852, 1504]. **Proposed** [357]. **Propositional** [122, 1387, 532]. **Propositions** [115]. **ProSet** [1150]. **ProSet-Linda** [1150]. **Prospect** [346]. **Prospects** [1284]. **Protecting** [2262]. **PROTEUS** [1756]. **Protocol** [720, 2286, 428, 2031, 734, 1302]. **Protocols** [140, 306, 718, 99, 311, 1018, 293, 1019, 297, 334, 429, 750, 1042]. **Prototype** [940, 1618, 936, 1234]. **Prototyping** [1150, 927, 1024, 947, 2105, 895, 918]. **Prove** [2264]. **Prover** [721, 1303]. **Provide** [170, 472, 1761]. **Providing** [1327, 1591]. **Proving** [281, 107, 1407, 1436, 106, 105]. **Provision** [2039]. **Proximity** [1323, 45]. **Pruning** [866]. **PSCS** [1622]. **Pseudo** [302]. **Pseudo-Random** [302]. **Pseudorandom** [289, 1784]. **PTL** [280]. **Public** [306, 315, 2103, 313, 310, 1604, 2259, 151, 307, 2263]. **Public-Key** [151, 2263]. **Pullback** [1990]. **Pumping** [330]. **Pupil** [675]. **Pure** [543]. **Purpose** [460]. **Pursuing** [627]. **Pursuit** [104]. **Pushdown** [398]. **Putnam** [981]. **PVM** [352]. **PVS** [2286]. **Pyramidal** [812]. **Pyramids** [890]. **PYTHAGORAS** [1977].

Q [1469]. **Q-learning** [1469]. **QoS** [2042, 2022, 1613, 2021, 2023, 2048]. **QoS-Based** [2042]. **QoS-Control** [2023]. **QPN** [1008]. **QPN-Tool** [1008]. **Quadrangulation** [1735]. **Quadrangulations** [43]. **Qualifications** [1219]. **Qualitative** [1344, 1339, 1322, 460, 1323, 1324, 1409, 789, 1174, 1410, 1411, 1247]. **Quality** [905, 889, 1379, 1381, 1357, 1600, 857, 1382, 1165, 1866]. **Quality-Based** [1165]. **Quantification** [1460]. **Quantified** [437]. **Quantitative** [538, 1382]. **Quantization** [889, 2216, 823, 2178]. **Quantum** [321, 1657, 1638, 297, 2262]. **Quasi** [1530, 167]. **Quasi-Invariants** [1530]. **Quasi-Morishima** [167]. **Queries** [132, 159, 158, 1725, 1953, 1057, 959, 1963, 1925, 1966, 1353, 1565, 1564]. **Query** [1030, 1946, 1954, 2084, 220, 725, 1962, 2112, 1963, 1766, 1947, 1201, 224, 1964, 1273]. **Querying** [1048, 2085, 1955]. **Quest** [1948]. **Question** [1031]. **Questioning** [2066]. **Questions** [1031]. **Queue** [144]. **Queueing** [1008, 1004, 997]. **Queues** [48, 49, 1009, 1155]. **Quiescence** [447]. **Quo** [1914, 1663]. **Quorum** [140, 28, 141]. **Quorum-Based** [140].

R [964]. **R0ik** [203]. **R1040** [2318]. **Race** [419, 1622, 2318]. **Radiation** [488]. **Radio** [2030]. **Radiography** [2209]. **Radiology** [1838, 2244]. **Radiosity** [2203, 2204]. **RAID** [2045]. **RAID-3** [2045]. **Ramification** [1686]. **Random** [526, 585, 539, 302, 844, 2183, 145, 1785, 66]. **Randomized** [38, 131, 397, 186]. **Randomly** [754]. **Range** [65, 2158, 845, 846, 1353]. **Range-Join** [2158]. **Rankable** [170]. **Ranked** [530]. **Ranking** [47, 1088]. **Rapid** [1584, 927, 2105, 1947, 918]. **Rare** [1447]. **Rate** [2021, 2017, 2044, 632, 2049]. **Rate-Based** [2017]. **Rates** [949]. **Ratio** [1709]. **Rational** [931, 308]. **Rationale** [1376, 1750]. **Ratios** [680]. **Ray** [2206]. **rays** [697]. **RBF** [1894]. **RBF-Fuzzy** [1894].

RC5 [301, 1789]. **RCL** [2292]. **RDBMS** [765]. **RDOSS** [753]. **Re** [2103, 1385, 2101]. **Re-Architecturing** [1385]. **Re-engineering** [2103, 2101]. **Reachability** [1378, 268]. **Reacting** [367]. **Reaction** [697]. **Reactive** [2166, 2284, 409, 1264, 1921, 2150, 1815, 1649, 1362]. **Reading** [2189]. **Real** [1295, 2038, 345, 2026, 2230, 942, 2214, 2013, 572, 652, 821, 2016, 112, 2023, 843, 250, 373, 742, 2015, 467, 1298, 1490, 895, 1909, 1658, 1297, 596, 943, 2182, 1562]. **Real-Time** [1295, 2038, 2026, 942, 2013, 821, 2016, 2023, 373, 742, 2015, 467, 1298, 895, 1909, 1297, 943, 2182, 345]. **Real-Tune** [2230, 2214]. **Real-World** [596]. **Realisation** [1606]. **Realising** [921]. **Realistic** [400]. **Realization** [1280, 2256]. **Realizations** [1600]. **Realizing** [1814]. **Rearrangements** [1668]. **Reason** [10]. **Reasoner** [1238, 1867]. **Reasoners** [1507]. **Reasoning** [1055, 1389, 1845, 1239, 1040, 1241, 2069, 119, 721, 1950, 1487, 739, 1243, 1421, 2073, 1252, 1476, 2072, 276, 1265, 1322, 2068, 1323, 1499, 1319, 1254, 530, 1172, 2075, 1256, 789, 1174, 1410, 645, 2071, 1171, 1246, 1686, 1650, 1341, 1165, 1386, 1452, 1249, 1887, 1486, 1951, 1690, 1403, 1259, 1439, 2285, 1865, 1846, 1835, 1847, 1871, 1872, 1873, 1853, 1879, 1841, 1857, 1859]. **reasons** [1845]. **Receiver** [294]. **Receptive** [1493]. **Recognition** [640, 703, 868, 2238, 1547, 883, 882, 1536, 1985, 679, 667, 630, 1532, 2223, 1530, 881, 1886, 824, 560, 817, 685, 595, 2193, 2192, 1528, 2190, 2184, 1529, 1531, 1897, 900, 673, 661, 2222, 2247, 2182, 1542, 2240, 877, 1937, 1875]. **Recognition-By-Alignment** [1531]. **Recognizing** [2189, 1479, 1535]. **Recombination** [1514]. **Recombinative** [1516]. **Reconfigurability** [949]. **Reconfigurable** [1147, 917, 944, 946, 950, 945, 948, 916, 947, 939]. **Reconstructing** [2179]. **Reconstruction** [315, 602, 884, 711, 678, 705, 643, 653, 2241, 600, 846]. **Recording** [737]. **Recovering** [1282]. **Recovery** [1548, 1960, 2155]. **Rectangles** [158]. **Rectangular** [2219]. **Rectangulating** [130]. **Rectilinear** [1730, 382, 671, 130]. **Recurrence** [238]. **Recurrence-Term** [238]. **Recurrent** [1888, 2269, 1659]. **Recursion** [1219, 2134]. **Recursions** [212, 1050, 1781]. **Recursive** [715, 387, 1553, 1679, 1555, 559, 1979, 214, 235, 236, 1273, 71]. **RED** [2137, 2040]. **RED-VBR** [2040]. **REDOC** [915]. **Reduce** [14, 1515]. **Reducibilities** [539]. **Reducibility** [518, 558]. **Reducing** [2298, 983, 2187]. **Reduction** [283, 363, 228, 511, 1232, 146]. **Reductions** [549, 389, 2295]. **Redundancy** [58, 603]. **Reed** [2260, 2252, 1523]. **Reference** [871, 1819, 1352, 1603, 8]. **References** [1942]. **refine** [1871]. **Refinement** [718, 274, 286, 15, 275, 1427, 1466]. **Refining** [471, 1354]. **Reflectance** [691, 2201]. **Reflecting** [1582]. **Reform** [448]. **Reformulation** [1503]. **refurbishment** [1839]. **Refuses** [1284]. **Refutation** [2161]. **Refutation-completeness** [2161]. **refute** [1581]. **Regenerative** [1005]. **Regime** [1931]. **Region** [584, 913, 793, 1212]. **Region-Based** [793]. **Regions** [639, 2190]. **Register** [1131]. **registers** [1796]. **Registration** [849]. **Regular** [376, 277, 257, 1126, 273, 59, 923, 1208, 1951]. **Regular-Factors** [59]. **Regularization** [587]. **Regulations** [1259]. **Reification** [1386]. **Reinventing** [1428]. **Reiter** [1434]. **Reject** [801]. **Rejuvenation** [1780]. **Related** [2308, 575, 1119, 21, 930]. **Relating** [410]. **Relation** [524, 1320, 1960]. **Relational** [1051, 995, 1917, 965, 1961, 1454, 1057, 962, 1777, 762, 2192, 2093, 1065, 2086, 619, 133, 1834]. **Relations** [1278, 1175, 515, 1354, 1066, 1353, 133, 1310, 71]. **Relationship** [1666, 2088, 745, 1992, 2115, 1598, 2096, 2093, 2081, 2106]. **Relationships** [1011, 1753, 2097]. **Relative**

[2281, 511, 44]. **relatively** [1876]. **Relativized** [222]. **Relaxation** [621, 699, 668]. **Relaxed** [1019]. **Reliable** [617, 2180]. **relocation** [1841]. **Remarks** [318]. **Remindings** [1250]. **Remote** [1616]. **Rendering** [596, 2196]. **Rendezvous** [1263]. **Reordered** [1231]. **Reordering** [1275]. **Repealed** [1728]. **replacement** [73]. **Replay** [419, 420, 1257]. **Replenishment** [2229]. **Replicated** [141]. **Replication** [1931, 2047]. **Report** [1333, 2318]. **Reporting** [1033]. **Repositories** [1045, 2111]. **Repository** [1772, 2116]. **Representation** [1251, 1040, 1540, 1541, 1338, 1494, 1339, 597, 1536, 1390, 2306, 1418, 1492, 663, 1548, 792, 2097, 681, 1058, 1528, 1043, 1545, 1444, 1484, 1537, 694, 892, 901, 1531, 1550, 1843, 1856, 2319]. **Representational** [1340, 8]. **Representations** [525, 886, 427, 17, 1532, 1330, 2254, 1549, 2104, 1539, 1535, 1544, 622]. **Representing** [1482, 1839]. **Requirements** [1584, 498, 1045, 1253, 2127, 4, 766, 1375, 1000]. **Requiring** [2183]. **Resampling** [2178]. **Research** [1692, 986, 1763, 768]. **Reservation** [2013]. **Reservations** [2012]. **Reserving** [2014]. **Resharing** [1121]. **Residential** [2073]. **Residual** [1930]. **Resolution** [868, 830, 1962, 1513, 849, 2161, 623, 1933, 1199]. **Resolvable** [154]. **Resolving** [1952, 2115, 1463]. **Resonance** [828, 2220, 2210, 625]. **Resource** [1740, 2016, 2024, 1838]. **Resources** [2167, 2014]. **Respect** [565]. **Response** [1108]. **Responsibility** [2118]. **Restarting** [392]. **Restoration** [641, 844]. **Restricted** [760, 218, 514, 1713]. **Restrictions** [981, 1391]. **Restructuring** [2087]. **Result** [479]. **Results** [48, 357, 1472, 575, 1174, 401, 532, 468]. **Rethinking** [1428]. **Retrieval** [2065, 1974, 819, 2072, 1105, 1602, 2044, 1077, 1058, 1782, 15, 1690, 1391, 1834, 1851, 1879, 1838, 1839, 1860, 1864]. **Retrieve** [1248, 1882]. **Retrieving** [1854]. **Reusability** [1163]. **Reusable** [1826]. **Reuse** [1364, 1418, 1817, 2075, 1862, 1308]. **Reusing** [2287]. **Revealing** [1874]. **Reverse** [858, 1037, 1065, 2086, 1806]. **Review** [494, 1283]. **Revision** [1389, 1488, 2, 530, 1502]. **Revisited** [1949, 1481, 1818, 304, 440, 1199]. **Revisiting** [745]. **revolutionary** [1572]. **Rewrite** [506, 507, 245, 512, 514, 516]. **Rewriting** [376, 1990, 379, 2147, 1050, 246, 515, 143, 518, 1923, 520, 151, 1989, 558, 521, 522]. **Rialto** [2016]. **Rich** [873, 266]. **Ridge** [666]. **Ridge-Valley** [666]. **Rights** [480]. **Rigid** [609, 174, 597]. **Rigorous** [2087]. **Rigorously** [494]. **Ring** [2266, 449, 456]. **Rings** [1729, 759, 449, 560]. **RIPE** [2318]. **Rippling** [504]. **RISC** [357, 416]. **Risk** [1032]. **RNLC** [1713]. **Road** [2190]. **Robot** [1490, 1648, 2171, 704, 84]. **Robotic** [1494, 1413]. **Robotics** [839]. **Robots** [2174, 1492, 1895, 1513, 1490]. **Robust** [1546, 1547, 882, 607, 709, 705, 1645, 1158, 850, 599, 88]. **Robustness** [534, 306, 1891]. **Role** [929, 2039, 1406, 2106]. **Roles** [1486]. **Rosser** [2271, 151, 521]. **Rotated** [883]. **Rotation** [630, 702]. **Rough** [660, 120]. **Round** [1020, 1802, 1791]. **Round-Trip** [1020]. **Rounds** [755]. **Route** [1333, 1848]. **Routing** [51, 2037, 1996, 1519, 526, 1999, 748, 1465, 424, 1998, 1107, 46, 1625, 82, 83]. **Routings** [1997]. **RPL** [1936]. **RQL** [1936]. **RSA** [292, 293]. **RT** [1361]. **RTL** [1471, 919]. **Ruby** [924]. **Rule** [113, 1270, 1940, 119, 1938, 1262, 1059, 1775, 824, 1072, 683, 1523, 1267, 1268, 616, 1852]. **Rule-Based** [824, 1852]. **Rule-Driven** [1072]. **Rulebase** [1260]. **Rules** [1271, 1272, 1274, 1896, 1892, 432, 1939, 1411, 1445, 1894, 1941, 1861, 1266]. **Run** [1940, 1224, 1130, 465, 1128]. **Run-Time** [1224, 1130, 465, 1128, 1940]. **Runtime**

[446]. **rural** [1841]. **Russia** [368].

S [1802, 1791]. **S-box** [1802]. **S-boxes** [1791]. **S012** [210]. **S3.mp** [429]. **SA** [1361]. **SA/RT** [1361]. **Safe** [1195, 960]. **SAFER** [309, 1799, 1804]. **Safety** [1959, 1909, 1361, 133]. **Safety-Critical** [1909]. **SAI** [1549]. **Sake** [1892]. **Salesman** [42, 941]. **Salespersons** [2264]. **Samplesort** [2141]. **SAR** [893, 2221]. **SAT** [1712, 981]. **Satan** [1682]. **Satellite** [895, 1774, 898]. **Satisfaction** [957, 64, 96, 404, 956, 1482, 1876, 1858]. **Satisfiability** [191]. **Satisfy** [1274]. **Scalability** [1934, 413]. **Scalable** [2039, 810, 2022, 2025, 1660, 2048]. **Scale** [1338, 666, 2306, 630, 583, 442, 1625, 878, 852, 604, 1006, 2130, 1840]. **Scale-Space** [666]. **Scales** [193]. **Scaling** [955]. **Scan** [443]. **Scattering** [644]. **Scenario** [1163]. **Scenarios** [1373, 117]. **Scene** [2200, 600]. **Scenes** [835, 833, 655, 858, 631]. **Schedule** [309]. **Scheduler** [1069]. **Schedules** [330]. **Scheduling** [524, 2046, 2167, 194, 767, 1136, 330, 983, 979, 1131, 453, 1137, 1716, 2043, 1520, 708, 195, 2034, 787, 2033, 444, 32, 454, 452, 335, 994, 2035, 193, 1398]. **Schema** [1765, 2088, 1044, 1764, 2095, 2080, 2096, 1065, 199, 2087, 1846]. **schema-based** [1846]. **Schemas** [1961, 2115, 480]. **Schemata** [4]. **Scheme** [597, 2138, 344, 2250, 322, 1947, 307, 1133, 2265, 1289, 2276, 2197]. **Schemes** [316, 1996, 311, 2293, 1999, 748, 1553, 294, 1432, 320, 181]. **SCI** [1302]. **Science** [1657, 2139, 2125, 1883]. **Scientific** [1075, 1912, 1136, 1935, 1580]. **SCM** [1759]. **Scope** [1138, 108]. **Script** [875, 1760, 2197]. **Script-Based** [1760]. **SDL** [1606, 1609]. **Seamless** [415]. **seamlessly** [1865]. **Search** [1995, 2302, 48, 14, 362, 1124, 1164, 1274, 691, 1105, 549, 983, 1153, 1472, 29, 64, 1400, 1528, 1672, 300, 1517, 1151, 1525, 1673, 1246, 702, 848, 985, 956, 1873]. **Searching** [1793, 65, 1512, 174, 2002, 1725, 1699, 869]. **Second** [218, 528, 2054, 2128]. **second-order** [2054]. **Secret** [1121, 315, 316, 2270, 314, 320]. **sections** [1837]. **Sector** [1592]. **Secure** [292, 323, 311, 2093, 1766, 181, 734, 1069, 2318]. **Security** [1587, 293, 1588, 297, 2093, 299, 1586, 1080, 2249]. **Seduct** [1828]. **Seeding** [1515]. **Seeing** [1506]. **SEER** [2093]. **Segment** [795, 2277]. **Segmentation** [875, 669, 584, 818, 1124, 2224, 834, 607, 826, 585, 583, 690, 859, 1543, 846, 642, 793, 892, 2210, 649, 794, 2211, 832, 856, 796, 898, 682, 855]. **Segmentation/Reconstruction** [846]. **Segmenting** [840]. **Segments** [1104, 649, 650]. **Seismic** [365]. **Selected** [2233, 1831, 790]. **Selecting** [871]. **Selection** [1342, 1721, 1352, 27, 1333, 660, 692, 694, 74]. **Selective** [671]. **Self** [938, 2302, 1109, 757, 1634, 838, 758, 759, 1601, 2066, 907, 816, 1081, 633, 2296, 930, 1346, 1582, 83]. **Self-Adjusting** [2302]. **Self-Calibration** [838, 633]. **self-confident** [1582]. **Self-Guided** [1081]. **Self-Learning** [930, 1634]. **self-modifiable** [83]. **Self-Organisation** [1601]. **Self-Organising** [816, 1346]. **Self-Questioning** [2066]. **Self-Simulation** [1109]. **Self-Stabilization** [758]. **Self-Stabilizing** [757, 759]. **Self-Testing** [2296]. **Self-Timed** [907]. **Self-Validating** [938]. **SEM** [705]. **Semantic** [1976, 1426, 1183, 711, 566, 1962, 1195, 1963, 2152]. **Semantics** [1495, 487, 377, 1434, 283, 267, 258, 1202, 1262, 2099, 1318, 252, 1372, 2110, 1404, 405, 1211, 264, 1651, 1, 571, 1169, 1941, 1319]. **Semi** [874, 1340, 403, 1439]. **Semi-Automatic** [874]. **Semi-Lattices** [1340]. **Semi-Normal** [1439]. **Semi-Traces** [403]. **Semicontinuous** [866]. **Semidefinite** [188]. **Semilattices** [326]. **Semistructured** [1955]. **Sender** [294]. **Sense** [1901]. **Sensitive** [1923, 2040]. **Sensitivities** [147]. **Sensitivity** [1432]. **Sensor** [938, 837].

Sentence [6]. **Sentences** [1479]. **Separating** [1847, 40, 347, 181]. **Separations** [539]. **Sequence** [2253, 176, 2216, 2277, 164, 1571]. **Sequences** [860, 886, 609, 894, 2257, 831, 614, 198, 2193, 600, 2269]. **Sequential** [1216, 1177, 157, 221, 519, 576, 2291, 1112, 2252, 1311]. **Sequentiality** [516]. **Serial** [729, 2179, 937]. **Series** [2144, 959, 1448]. **Server** [292, 2045, 293, 2049, 1625]. **Server-Aided** [292, 293]. **Servers** [2023, 2048, 2047]. **Serves** [929]. **Service** [2039, 2012, 839, 1605, 1618, 1600, 1597, 1606, 5, 1619, 997]. **Services** [1620, 1611, 1613, 1590, 1605, 1608, 1591, 1592, 1612, 1609, 1623, 1586, 1617, 1627, 1610]. **Session** [1617]. **Set** [716, 1200, 1709, 63, 2253, 147, 134, 1644, 1557, 1927, 1066]. **Set-Term** [134]. **Set-Valued** [1644]. **Sets** [128, 1730, 183, 500, 2098, 1710, 541, 125, 660, 2145, 1924, 2146, 1814, 169, 1268, 579, 239, 43, 1951, 120, 492, 1689, 1369]. **Seven** [2117]. **Several** [1067]. **SGML** [1045, 482]. **SGML/HyTime** [1045]. **Shading** [2228, 628, 629]. **Shadows** [617]. **Shafer** [616]. **Shallow** [1478]. **Shamir** [298]. **Shape** [1339, 2306, 1548, 2228, 628, 1543, 590, 2201, 2320]. **Shape-from-Shading** [628]. **Shaped** [2179]. **Shapes** [671, 663, 688]. **Shaping** [2021]. **Shared** [355, 2167, 1086, 1087, 758, 1978, 2159, 1294, 443, 2291, 753]. **Shared-Nothing** [2159]. **Sharing** [1121, 315, 316, 2270, 314, 453, 320, 302, 1513, 520, 282]. **Shelf** [416]. **shift** [1796]. **shifts** [1572]. **Shop** [983, 784, 1398]. **Shop-Floor-Area** [784]. **Short** [894, 1552, 791]. **Short-Term** [894]. **Shortcomings** [762]. **Shortest** [67, 35, 1085, 383, 1096, 2007, 145]. **Should** [66, 1744, 1728]. **Shuffle** [47]. **Shuffle-Exchange** [47]. **Side** [1093]. **Sides** [406]. **Signal** [1160, 2235, 706, 935, 1538, 918, 1524]. **Signals** [1630, 830]. **Signature** [597, 871, 311, 1773, 1041, 2183]. **Signatures** [292, 580, 871, 319, 646, 115]. **Significant** [1350, 1422]. **SIMD** [1131, 1153, 455, 351]. **similarities** [1581]. **Similarity** [959, 1859]. **SIMON** [791]. **Simone** [263]. **SIMPLE** [346, 377, 1698, 418, 35, 1578, 382, 1736, 585, 397, 1922, 1726, 302, 1100, 637, 1103, 146, 2314]. **Simpler** [62]. **Simplification** [2294, 1523, 2186, 1276, 970, 2055]. **Simulated** [1151, 1518, 79, 80]. **Simulating** [1575]. **Simulation** [272, 770, 355, 1631, 1109, 1595, 1044, 1089, 473, 1002, 460, 357, 453, 367, 896, 1623, 1001, 442, 1655, 1850]. **Simulations** [1086]. **Simulator** [1015]. **Simultaneous** [557]. **Single** [194, 1472, 1884]. **Single-Vehicle** [194]. **Sink** [1097, 1882]. **Situ** [626]. **Situated** [92, 2066, 970]. **Situation** [1408, 1449]. **Situations** [112]. **Size** [860, 229, 1101, 147, 1093, 1719]. **Sizing** [1893]. **Skeleton** [1125]. **Skeletons** [866, 1127, 412]. **Skeptical** [1168]. **Sketches** [819, 2098]. **Skew** [580, 1094]. **Skew-Symmetric** [1094]. **Skill** [501]. **skills** [2139]. **Skin** [809, 623]. **Skip** [1123]. **SKL** [1431]. **Skylight** [2205]. **Slave** [452]. **SLDNF** [1199]. **SLDNF-Resolution** [1199]. **Sliced** [1773]. **Sliding** [1289]. **Small** [1085, 1983, 1942, 148]. **Smallest** [1706, 1724]. **Smalltalk** [1980]. **SMART2** [995]. **SMD** [657]. **Smooth** [2306, 2218]. **SMP** [406]. **SMP/MPP/** [406]. **sn** [2295]. **sn-Reductions** [2295]. **Snake** [656, 797]. **Snakes** [591, 642]. **SNePS** [1425, 1464]. **Social** [1347, 1348, 1452]. **Societies** [1397, 1450]. **Society** [1451]. **Soft** [2260]. **Software** [1742, 1755, 1767, 461, 1910, 1746, 1379, 1812, 1674, 1752, 1424, 2025, 498, 470, 1833, 1418, 1136, 1817, 1918, 1753, 1374, 1017, 478, 1357, 430, 1383, 1033, 463, 1744, 1972, 1366, 2075, 1382, 366, 469, 1813, 1977, 1760, 1830, 978, 1355, 1675, 2292, 1824, 928, 1000, 1835]. **Software-Heterogeneous** [463].

Software-Intensive [1379]. **Solid** [597]. **Solomon** [2260, 2252]. **Solution** [929, 973, 1434, 1406, 361, 1517, 353, 861]. **Solutions** [2203, 435, 2058]. **Solve** [1037]. **Solver** [988, 123]. **Solvers** [973, 349]. **Solving** [951, 505, 1482, 1423, 1492, 962, 1141, 979, 1472, 108, 364, 562, 1006, 985, 956, 1872, 1873, 1876, 1465]. **Some** [318, 920, 1702, 1510, 156, 1775, 1753, 266, 1875, 544, 210, 545, 195, 481, 1913, 2256, 401, 1930, 1935, 2274, 27, 1874, 1527]. **Sometimes** [1092]. **Sophisticated** [97]. **Sort** [1821]. **Sorted** [66, 27, 143]. **Sorting** [157, 1088, 876, 2196]. **Sorts** [405]. **Source** [1097]. **Sources** [2228]. **Space** [2305, 13, 1347, 14, 1102, 666, 1101, 582, 667, 1492, 527, 2216, 583, 614, 1340, 453, 759, 1697, 2226, 221, 45, 598, 2146, 581, 820, 1286, 1930, 1335, 1289, 397]. **Space-Economical** [1697]. **Spaces** [1512, 1494, 7, 1680]. **Span** [2253]. **Spanning** [2142, 1732, 885, 17, 138, 61, 62, 2309, 89]. **spareC** [1023]. **Sparse** [2304, 1147, 1741, 541, 845, 2261, 349, 1128, 1570]. **Spatial** [1040, 1346, 1336, 1347, 1342, 830, 1343, 1252, 829, 1327, 1322, 1323, 1175, 1351, 1348, 1334, 1354, 598, 1350, 1174, 2242, 1035, 1353, 1331, 2319]. **Spatio** [607, 701, 806, 1345]. **Spatio-Temporal** [607, 701, 806, 1345]. **Spatiotemporal** [608]. **Special** [460, 1627]. **Special-Purpose** [460]. **Specialised** [1516]. **Specific** [940, 1382]. **Specification** [2284, 1008, 1631, 494, 2091, 2167, 1621, 474, 495, 959, 2043, 1832, 1825, 472, 1261, 2107, 1778, 1823, 1367, 1263, 120, 1967, 2135]. **Specification-Based** [1367]. **Specifications** [1424, 473, 1236, 478, 2168, 484, 481, 1207, 479, 502, 1779, 493, 1929, 405, 499]. **specified** [334]. **Specifying** [1377, 1366]. **Speckle** [893]. **Spectral** [1330]. **Spectrum** [1820, 1818, 1820]. **Speech** [814, 1886, 2273, 1459]. **Speed** [25, 808, 565, 1388, 357, 916, 913, 78]. **Speed-Ups** [1388]. **Speedy** [1010]. **Spherical** [1549]. **SPIN** [281]. **SPLASH** [941]. **Spline** [2235, 1539, 2179]. **Splines** [176]. **Splitting** [1406]. **SPN** [1005]. **Spots** [809]. **Spreading** [611, 1931]. **SQL** [1052, 1768]. **SQL-Statements** [1768]. **SQL-Usage** [1768]. **SQL0*** [1782]. **SQL0*/NR** [1782]. **Squad** [561]. **Square** [681, 888]. **Squares** [166]. **SR** [2254]. **SS** [1600]. **SS-No** [1600]. **SSADM4** [1907]. **Stability** [1635, 1891, 673]. **Stabilization** [740, 758]. **Stabilizing** [757, 759]. **Stable** [1941, 1876]. **Stable-Model** [1941]. **Stack** [1222, 144]. **Staff** [790]. **Standard** [929, 356, 579, 1677]. **Star** [1109]. **StarT** [415]. **StarT-NG** [415]. **State** [272, 1631, 1692, 1309, 249, 192, 1643, 1754, 769, 1005, 2059, 2062]. **State-of-the-Art** [1754]. **Statecharts** [1373]. **Statements** [1768]. **States** [2089]. **Static** [1769, 2037, 1225, 708, 336, 1284]. **Stationary** [1003]. **Statistical** [2123, 1546, 2199, 694, 587, 659]. **Status** [346, 1750]. **Stay** [1284]. **Steady** [1005]. **Steam** [2076]. **Steerable** [707]. **Steiner** [2011, 1730, 190]. **Step** [1681, 853, 1037, 1246]. **Stepwise** [1384, 1921]. **Stereo** [860, 836, 2173, 705, 634, 695, 861]. **Stereoscopic** [2206]. **Still** [822, 1284]. **Stochastic** [1631, 1510, 1007, 1413, 1518, 693]. **Stochastic/Non** [1631]. **Stochastic/Non-stochastic** [1631]. **Stock** [1149, 81]. **Stokes** [361]. **Stopwatch** [1649]. **Storage** [51, 1216, 546, 2044, 2259, 1774, 2047, 1289, 1283]. **Store** [1758]. **Stored** [1456]. **Straight** [194]. **Strapping** [592]. **Strategic** [2077]. **Strategies** [770, 1440, 90, 1641, 1944, 1146, 241, 93, 1035, 1273, 88, 1836, 1877]. **Strategy** [1974, 1514, 578, 84]. **Stratified** [1943, 960]. **Stream** [2258, 2031, 1794, 1795]. **Streamed** [414]. **Streams** [994]. **Street** [36]. **Streets**

[1699]. **Strict** [200, 1217, 1233]. **Strictness** [2149, 1232, 1235]. **String** [560, 620, 151, 2184, 1106]. **String-Rewriting** [151]. **Strings** [679]. **Strong** [744, 552, 1552, 516, 544, 2124]. **Strong-Partial** [744]. **strongly** [1563]. **Structural** [2238, 2115, 2187, 898, 1328, 877, 1503]. **Structure** [1917, 116, 185, 2010, 1724, 26, 1701, 350, 1894, 687, 2247, 625, 599]. **Structured** [1129, 1950, 1216, 1372, 1046, 1412, 1854, 1856]. **Structures** [525, 2213, 1632, 174, 218, 17, 577, 1679, 256, 1340, 217, 530, 574, 332, 1192, 919, 5, 259, 15, 349, 912, 2134, 1788, 2128, 784]. **Structuring** [474, 1163, 472, 481, 244]. **student** [2140]. **students** [2139, 2133]. **Studies** [1831, 585, 1862]. **Study** [1160, 1240, 1051, 1771, 1378, 1833, 1483, 491, 1818, 1380, 1832, 700, 429, 1624, 450, 1035, 1360, 2120, 77]. **Studying** [1893]. **Sub** [841, 849, 2007]. **Sub-Cubic** [2007]. **Sub-Patterns** [841]. **Sub-Pixel** [849]. **Subcode** [2252]. **Subcube** [456]. **Subcube-Ring** [456]. **Subdefinite** [123, 118]. **Subexpression** [432]. **Subexpression-level** [432]. **Subgraph** [1708, 56, 15, 175]. **Subgraphs** [1705, 1733, 1983]. **Subjects** [1354]. **Subpixel** [587]. **Subquadratic** [1737]. **Subsequence** [2184]. **Subset** [1320, 280, 1318]. **Subsets** [160]. **Substitution** [1916]. **Substitutions** [1181, 2184, 1560]. **Substructural** [1436]. **Subsumption** [14, 2161]. **Subsymbolic** [121, 1402]. **Subsystems** [781]. **Subtype** [1219]. **Subtypes** [484]. **Subtyping** [372]. **such** [1868, 2070]. **Suffices** [172]. **Sugeno** [1889]. **Suggestion** [1517]. **Suitability** [935]. **Summation** [261]. **Super** [1388, 849, 1902, 446, 359]. **Super-Polynomial** [1388]. **Supercomputing** [945]. **Superpolynomial** [553]. **Superposition** [503]. **Supersampling** [2194]. **Superscalar** [1935]. **Superstring** [67]. **Supertrees** [1706]. **Supervised** [1894, 682]. **Supervision** [1412, 1836]. **Supply** [1522]. **Support** [1075, 914, 1908, 1595, 2073, 778, 2094, 1264, 1253, 1009, 1374, 2016, 1031, 1751, 1073, 1972, 1980, 2118, 1025, 2040, 1834, 1866, 1314, 1837, 1841, 1345]. **Supported** [1080]. **Supporting** [337, 1755, 1973, 1052, 1051, 2044, 1376, 1778, 1269, 2106, 1846]. **Supports** [2251, 275]. **Surface** [602, 705, 896, 2186, 623, 659, 1538, 687, 2179, 2320]. **Surfaces** [592, 666, 1987, 2306, 1532, 1143, 2218, 2201]. **Surrogate** [1766]. **Survey** [1261, 1927, 1290, 1283]. **Sustainable** [95]. **Sweep** [1295, 54, 1293, 1292]. **switchbox** [82]. **Switched** [2040]. **Symbiosis** [1480]. **Symbiotic** [1394]. **Symbol** [1160]. **Symbolic** [1629, 973, 886, 1493, 1144, 984, 1320, 699, 107, 1393, 1307, 531, 622, 1647, 123, 901, 1361, 1402, 1310, 1301]. **Symbols** [873]. **Symmetric** [718, 1094, 1107]. **Symmetry** [580, 605, 1684, 654, 637]. **Synchronization** [339, 403, 561, 2031, 2032]. **Synchronized** [994]. **Synchronous** [325, 744, 431, 2248, 1362, 1303]. **Synchronous-Asynchronous** [325]. **Syntactic** [1426, 1752, 1559]. **Syntax** [1555, 1, 571]. **Synthesis** [1505, 1629, 724, 2257, 946, 245, 246, 1921, 1656, 1305, 1581]. **Synthesising** [858]. **Synthesized** [717, 2222]. **Synthesizing** [2213, 572, 2285]. **System** [2166, 1056, 905, 1051, 1027, 1053, 418, 719, 1674, 494, 1082, 1547, 2025, 128, 1758, 1757, 1833, 903, 1634, 1827, 1260, 1064, 340, 466, 1453, 1059, 1253, 1508, 1280, 740, 2109, 2172, 2173, 2016, 4, 1600, 365, 446, 463, 936, 303, 2080, 255, 348, 1256, 806, 1146, 910, 1376, 1228, 1463, 2195, 2074, 1761, 2077, 1037, 816, 1760, 1258, 1945, 442, 1774, 2024, 1891, 1894, 992, 359, 1458, 211, 791, 1209, 2164, 1885, 2222, 1250, 2079, 1076, 1422, 943, 358, 872, 1398, 1834, 1865, 1866, 1851, 2316,

1838, 1857, 1881, 1842]. **System-Level** [2024]. **Systematic** [1411]. **Systems** [272, 1440, 1104, 1629, 1281, 2082, 1940, 2284, 1631, 1769, 2313, 1908, 1595, 506, 920, 1829, 1469, 345, 1632, 1012, 808, 1379, 507, 99, 721, 360, 2147, 1633, 409, 1397, 771, 788, 1497, 474, 249, 1038, 2073, 1011, 1420, 1054, 1636, 1030, 921, 1442, 1635, 743, 778, 1002, 471, 1139, 310, 305, 1817, 1279, 2114, 962, 511, 572, 1898, 512, 2064, 1905, 1071, 1638, 1639, 1034, 1874, 266, 1772, 1223, 284, 780, 763, 1365, 28, 281, 514, 38, 2155, 516, 1602, 1886, 143, 786, 1036, 1643, 518, 999, 250, 373, 2028, 1645, 2157, 2159, 472, 1296, 2070]. **Systems** [1694, 1913, 302, 1661, 1462, 756, 576, 520, 151, 897, 1766, 1779, 998, 907, 935, 282, 1927, 1815, 1081, 1646, 443, 558, 764, 2291, 1909, 1607, 1485, 452, 1650, 1747, 2113, 291, 1452, 782, 1652, 1069, 807, 769, 2292, 521, 774, 1392, 1756, 918, 413, 1013, 353, 522, 997, 269, 975, 135, 523, 1042, 1025, 1654, 1967, 1727, 163, 2182, 1655, 2285, 2060, 1317, 2318, 2061, 2051, 1880, 2317, 1840, 1883, 75]. **Systolic** [391, 78].

T [351]. **Table** [10]. **Tableau** [1232]. **Tabled** [1185]. **Tables** [1186, 66, 1814, 869, 1792]. **Tabu** [1151, 1873]. **Tactical** [90]. **Tagging** [1459]. **Tailorable** [1971]. **Takaoka** [1096]. **Take** [536]. **Taking** [406]. **Talisman** [1458]. **Tangent** [803]. **Tangents** [40]. **Tape** [1774]. **Target** [341]. **Targeted** [946]. **Targeting** [1609]. **Task** [1242, 38, 1525, 351, 454, 704, 193, 1861]. **Task-Tree** [193]. **Tasks** [2167, 98, 1716, 1413, 1846, 1867, 1874]. **Tatzelwurm** [1827]. **Tautologies** [1388]. **Taxonomy** [1180]. **TCM** [2266]. **TEA** [2321, 1811]. **Teaching** [813, 2126, 501, 2135, 497, 2130, 2137]. **Teams** [232, 231, 1575]. **Technical** [1580, 1834]. **Technique** [53, 2073, 2224, 921, 2176, 110, 626, 900, 2179]. **Techniques** [1671, 1478, 495, 417, 2215, 643, 1978, 1393, 1290, 837, 644, 1128, 438, 1858, 79, 80]. **Technological** [1584]. **Technologies** [1608]. **Technology** [271, 2094, 927, 1033, 1906, 1642]. **Telecommunication** [1620, 1590, 1591, 1614, 910]. **Telecommunication-Oriented** [910]. **Telecommunications** [1612, 1586]. **Teleoperating** [1613]. **Telephone** [2030]. **Telesensation** [1776]. **Temperature** [938]. **Templates** [1664, 593]. **Temporal** [1344, 1048, 287, 1173, 2312, 1491, 607, 276, 701, 2111, 1499, 1474, 2110, 954, 2112, 806, 1939, 849, 1276, 1427, 1466, 1345]. **Temporally** [1326]. **Temporary** [1286]. **Temporized** [1268]. **Teramac** [909]. **Term** [717, 506, 894, 2147, 2229, 509, 1221, 246, 143, 134, 520, 558, 791, 521, 522, 238, 1856]. **Terminating** [1940, 214, 975]. **Termination** [976, 508, 388, 1167, 1221, 512, 514, 1989, 2156, 510]. **Terminological** [1165, 1386]. **Terms** [1748, 1555, 1856]. **Ternary** [2097, 1523]. **Terrain** [1337]. **Tertiary** [1774]. **Tesseral** [1040]. **Test** [929, 19, 479]. **Testability** [192]. **Testbeds** [104]. **Testing** [270, 132, 518, 2145, 1354, 2034, 2296, 1715, 477, 1367]. **Testpilot** [1767]. **Tests** [478]. **Text** [640, 1473, 1478, 1105, 1046, 2279]. **text-text** [2279]. **Texts** [184, 1468, 2303, 1459]. **Texture** [639, 827, 592, 904, 605, 2233, 792, 859, 2234, 606]. **Texture-Mapping** [592]. **Textured** [793, 2182]. **Textures** [850]. **Their** [1892, 2110, 867, 484, 2264, 374, 1680, 670, 57, 2009, 1602, 790]. **Themes** [1264]. **Theorem** [721, 209, 109, 1050, 107, 1407, 555, 2161, 1436, 1557, 106, 668, 105, 664, 1303]. **Theorems** [223, 160]. **Theoretic** [1213]. **Theoretical** [1992]. **Theories** [505, 377, 723, 208, 115, 1509, 1502, 1902, 1439].

Theory [1666, 716, 2000, 1765, 1968, 1338, 380, 722, 206, 1449, 1417, 743, 724, 566, 216, 1668, 1679, 266, 1009, 1981, 1688, 1661, 1444, 1484, 1557, 1927, 259, 223, 1650, 275, 120, 2247, 616, 2132, 87]. **Therapy** [488]. **Thinning** [878, 2181, 710]. **Third** [1758]. **Third-Party** [1758]. **Thoughts** [266]. **Threaded** [363, 1217]. **Threads** [2034, 441]. **Three** [31, 2283, 1749, 1991, 1831, 1534, 354, 129]. **Three-Dimensional** [31, 1991, 1534, 354]. **Threshold** [243, 1725, 320, 319, 655]. **tiered** [1843]. **Tight** [425]. **Tightly** [1069]. **tile** [177]. **Tiling** [404]. **Tillich** [2275]. **Time** [1295, 698, 370, 212, 2038, 1698, 25, 1004, 153, 35, 2026, 194, 1736, 942, 55, 1219, 2013, 1492, 1739, 572, 959, 652, 1285, 2216, 614, 537, 453, 1733, 1224, 1137, 2110, 821, 2016, 279, 2023, 1130, 2309, 843, 250, 373, 742, 2015, 136, 1192, 467, 1545, 1229, 1298, 444, 1448, 32, 895, 1909, 1649, 2295, 169, 712, 465, 1128, 1013, 1235, 997, 1297, 1103, 1108, 943, 2182, 1940, 345, 1721, 1562, 44]. **Time-bounded** [1649]. **Time-Series** [959]. **Time-Space** [2216]. **Time-To-Contact** [712]. **Time-Varying** [2110]. **Timed** [1629, 287, 286, 573, 907, 1312]. **TimeNET** [1007]. **Times** [1195]. **Timetable** [1517]. **Timetabling** [1516, 1518]. **Timing** [1312, 268]. **TINA** [1594, 1618, 1619, 1617]. **TINA-C** [1594]. **tiny** [1811]. **Tissue** [885, 832]. **TkWinHOL** [730]. **TLA** [728]. **TLP0S** [246]. **TM** [908]. **TMN** [1595, 1621, 1587, 1596, 1588, 1585, 1624, 1599]. **TNC** [211]. **Toeplitz** [149]. **Tolerance** [944, 996]. **Tolerant** [141, 1997]. **Tolerating** [456]. **Tongan** [1347]. **Tool** [1759, 770, 247, 1271, 345, 995, 1012, 1272, 1068, 885, 1011, 1236, 491, 501, 1009, 1374, 1642, 730, 502, 1010, 1237, 1745, 1628, 996, 1689, 1837, 2137, 1008]. **Tool-Kit** [491]. **Toolkit** [1970]. **Tools** [461, 1692, 2169, 458, 1064, 679, 925, 777, 2101, 108, 1694, 895, 1269, 1844, 2057]. **Top** [2118, 2285]. **Top-Down** [2118, 2285]. **Topological** [232, 610, 842]. **Topologies** [336, 1135]. **Topology** [57, 1322, 1669]. **TOPYDE** [1068]. **Tori** [1998]. **Tortoise** [2311]. **Total** [161, 168, 756]. **Tour** [1092, 236]. **Trace** [379, 2168, 264, 280, 1727]. **Trace-Based** [264]. **Traces** [403]. **Tracing** [2206, 2177]. **Tracker** [2173]. **Tracking** [592, 2229, 675, 614, 2172, 2173, 615, 659, 862]. **Tracking-Based** [615]. **Tractable** [196, 967, 629]. **Traction** [1891]. **Tradeoffs** [25]. **Trading** [5]. **Traffic** [424, 896]. **Trail** [1732]. **train** [1840]. **Training** [86, 2183, 790, 1576]. **Trajectory** [1332]. **Trajectory-Centered** [1332]. **Transaction** [1771, 1751, 1959, 1069, 1691, 1941]. **Transaction-Conscious** [1941]. **Transactions** [1078, 1258]. **Transfer** [295, 271, 296, 1602, 297]. **Transform** [588, 902, 513, 2237, 347, 692, 1123, 612, 934]. **Transformation** [1829, 2147, 2289, 417, 2095, 1943, 1072, 1198, 858, 522, 796]. **Transformational** [1826]. **Transformations** [1781, 162, 171, 432, 123]. **Transformers** [2163, 274, 569]. **Transforming** [1310, 1961]. **Transforms** [665, 933]. **Transient** [1007, 1003]. **transistors** [2135]. **Transition** [955, 2051]. **transitions** [2061]. **Transitive** [1097]. **Translation** [1415, 630, 1947, 1229]. **Translations** [1397]. **Transmission** [2230, 749, 2277]. **Transmissions** [50]. **Transparent** [1973]. **Transportation** [97, 1118]. **Transpositions** [2184]. **Transputer** [16]. **Traveling** [42, 2264]. **Travelling** [1092, 941]. **Traverdi** [1829]. **TRDL** [1485]. **Treat** [10]. **Treating** [1242]. **Treatment** [1375]. **Tree** [53, 2011, 757, 156, 17, 387, 138, 658, 1087, 1153, 1920, 62, 2309, 136, 242, 692, 661, 193, 1565, 89]. **Tree-Packing** [136]. **Tree-Wavelet** [692]. **Trees** [422, 2302, 1048, 2305, 48, 57, 1730, 885, 2002, 1110, 1091, 61, 1818, 1340, 59, 131,

29, 45, 547, 265, 46, 179, 1731, 72, 2142, 144]. **Treewidth** [1996, 1085]. **Trend** [786]. **Trends** [355, 1687, 782]. **Triadic** [3]. **Triangles** [1540]. **Triangular** [1143]. **Triangulated** [1331]. **Triangulation** [601, 1103, 175]. **Triangulations** [128, 621, 2307]. **Tribulation** [740]. **Triggering** [1270]. **Trip** [1020]. **Triple** [55, 1086, 696, 1114]. **Triple-free** [55, 1114]. **Triple-Logarithmic** [1086]. **Triplet** [673]. **Triumph** [740]. **Trivial** [1490]. **TROLL** [1822]. **TROM** [2166]. **TRSs** [513]. **Truly** [1084, 329, 1301]. **Truncated** [1798]. **Trust** [1230]. **Trusted** [319]. **TS** [1398]. **TSL** [1026]. **TSP** [1868, 1805]. **TSP2Opt** [1994]. **TTP** [1588]. **TTP-based** [1588]. **Tumor** [824]. **Tumours** [827, 623]. **Tune** [2230, 2214]. **Tuning** [1288]. **Turbines** [2076]. **Turing** [552, 153, 546, 401, 1902]. **Tutorial** [985]. **Tutoring** [1440, 1442]. **Tutte** [1719]. **Two** [1433, 111, 158, 184, 30, 1991, 495, 1704, 391, 1534, 26, 2180, 2232, 1077, 333, 401, 702, 761, 1149, 599, 1843, 1908, 1244]. **Two-** [1991]. **Two-Dimensional** [184, 495, 391, 1534, 2232, 401, 1149]. **Two-Floodlight** [30]. **Two-Headed** [1077]. **Two-Line** [26]. **two-tiered** [1843]. **Type** [487, 1189, 212, 206, 1222, 1223, 255, 405, 213, 559]. **Type-Based** [1222]. **Typed** [1960, 1226, 1555]. **Types** [805, 115, 1208, 2290, 492]. **Typical** [545, 1171].

Ultrasonic [824, 2234]. **ULYSSES** [1974]. **Unambiguous** [1372]. **Unbalanced** [197, 1016]. **Unbounded** [1632, 294]. **Uncertainty** [1409, 459, 1410]. **Unconstrained** [2161]. **Undefined** [1678]. **undergraduates** [2125]. **Underlying** [1434]. **Underspecification** [1678]. **Understanding** [666, 1054, 2130, 2241, 1460, 901, 825]. **Underwater** [902, 844, 900]. **Undirected** [1709, 1724]. **Uneven** [655]. **Uni** [180]. **Uni-Directional** [180]. **UniCalc** [123]. **Unicast** [2000]. **Unicast-Based** [2000]. **Unidirectional** [449]. **Unification** [1200, 1916, 1681, 394, 1226, 134, 20]. **Unification-Free** [1226]. **Uniform** [1990, 170, 757, 830, 759, 891, 1024, 195, 1188, 1884]. **Uniformity** [538, 1791]. **Uniformly** [222]. **Unifying** [1336, 474, 967, 2083]. **Unions** [158, 1565]. **Unique** [254, 521]. **Uniqueness** [1189, 2104]. **Unit** [2274]. **Units** [1971]. **Universal** [751, 2019, 171]. **Unknown** [36, 137]. **Unobservable** [618]. **Unplug** [2030]. **Unstructured** [1134, 1142, 1016, 1141, 2177, 1135]. **Unsupervised** [584, 1894, 855]. **Unsupervised/Supervised** [1894]. **Untangling** [1743]. **Update** [189]. **Updates** [1274]. **Updating** [1332, 2145, 1337]. **Ups** [1388]. **UPT** [1618, 1624]. **Usability** [1592]. **Usage** [2305, 1768]. **Use** [2123, 875, 1910, 949, 1347, 2169, 473, 922, 1772, 2110, 1886, 1033, 653, 484, 110, 2116, 1661, 1517, 935, 816, 1619, 791, 1259, 1868]. **Used** [115, 2243]. **Usefulness** [998]. **User** [1052, 988, 1611, 819, 1590, 921, 1953, 1918, 488, 2016, 1555, 1980, 1196, 1628, 1328, 2052]. **User-Centric** [2016]. **User-Defined** [1953]. **Users** [1591, 1586, 1628, 1844]. **Using** [640, 639, 703, 674, 1278, 672, 1040, 914, 836, 289, 609, 893, 602, 1044, 676, 494, 795, 14, 884, 1419, 2220, 362, 1026, 597, 1497, 1124, 588, 2021, 1274, 1322, 1220, 1492, 1532, 1045, 989, 2111, 234, 1280, 1221, 585, 962, 1530, 1960, 2121, 1150, 594, 2260, 478, 2286, 1534, 1852, 1031, 131, 2228, 1888, 927, 2137, 1777, 859, 1015, 916, 936, 817, 685, 2193, 1413, 890, 636, 1501, 114, 2259, 467, 1257, 844, 858, 1609, 2184, 2234, 895, 5, 2202, 1646, 2239, 913, 2263, 820, 1881, 1208, 1624, 1248, 1232, 2036, 712, 2171, 456, 2092]. **Using** [1106, 822, 1897, 1263, 2089, 2178, 1887,

2081, 1756, 918, 1361, 1360, 9, 2246, 664, 438, 2236, 133, 1937, 2225, 1565, 72, 647, 1802, 78, 277, 2200, 1837, 1319, 1849, 2138, 2215, 1801, 4, 1879, 1312, 707, 1523, 1854, 121, 89, 1858, 1884]. **Utilisation** [1227]. **UTT** [1554]. **UU** [387]. **UU-Algorithm** [387].

v2 [1028]. **Vadetis** [1663]. **Vadis** [1914]. **Validated** [1175]. **Validating** [938]. **Validation** [420, 1662]. **Valley** [666]. **Valleys** [611]. **Valuation** [2073]. **Value** [2299, 109, 364]. **Value-Passing** [2299]. **Valued** [1644]. **Values** [618, 2071]. **Variability** [1756]. **Variable** [966, 949, 2278, 2098, 2044, 1523, 2049, 997]. **Variable-Length** [949, 2278]. **Variables** [951, 1632, 518, 618]. **Variance** [830]. **Variations** [1264]. **Various** [551]. **Varying** [2110]. **VBR** [2040]. **VC** [1982]. **VC-Dimensions** [1982]. **VDM** [476]. **Vector** [889, 853, 2176, 2178, 1935]. **Vectorization** [439, 347]. **Vectorized** [843]. **Vehicle** [194, 1465, 1081]. **Velocity** [2176]. **Verb** [1457]. **Verifiable** [1121]. **Verification** [1829, 1632, 2312, 2169, 871, 903, 1827, 1831, 1605, 262, 726, 729, 62, 1816, 1832, 731, 2183, 1646, 1830, 734, 1651, 261, 1685, 1317, 2057, 1318, 1307, 1302, 1313]. **verification-oriented** [1318]. **Verified** [1182]. **Verifier** [329, 313]. **Verifiers** [1700]. **Verify** [1361]. **Verifying** [277, 1315, 1194, 2286, 429, 1649, 1303]. **Verilog** [925]. **Versatile** [2085]. **Version** [1433, 1745, 1370, 1369]. **Versioning** [1749]. **Versus** [1275, 356, 1126, 1332, 233, 1112]. **Vertex** [2144, 1709, 1724, 1107, 2282]. **Vertex-Connectivity** [1724]. **Vertex-Symmetric** [1107]. **Vertices** [60]. **Very** [632, 2261, 736]. **Vessels** [2212]. **VHDL** [1318, 1319, 926, 927, 732]. **VHDL-Based** [927]. **VHDL'87** [1320]. **via** [592, 580, 2098, 27, 656, 660, 64, 46, 702]. **Viable** [1636]. **Vibration** [1545]. **Video** [2231, 1122, 2039, 949, 2022, 2025, 2230, 818, 2021, 2029, 2170, 2044, 2028, 632, 2048, 2047, 2040]. **Video-on-Demand** [2039, 2044, 2047]. **Vienna** [338]. **View** [2123, 744, 597, 2094, 495, 1900, 26, 1024, 2015, 1031, 1073]. **View-Synchronous** [744]. **Viewpoint** [1355]. **Viewpoints** [1052, 496]. **Views** [1965, 2198, 1044, 838, 1377, 685, 595, 1780, 576, 1029, 2092, 1967]. **Virtual** [723, 1326]. **Visibility** [1337, 129]. **Visible** [1698]. **Vision** [2174, 905, 847, 1494, 675, 911, 1687, 839, 1150, 1176, 2170, 2173, 1539, 708, 707, 444, 1537, 359, 2273]. **Vision-Based** [675, 839]. **Visited** [305]. **Visits** [1074]. **VISPAT** [342]. **Visual** [689, 1271, 814, 2229, 1446, 1030, 2173, 618, 1334, 1178, 887, 980, 694, 837, 2243, 704, 2320]. **Visualization** [1359, 1272, 342, 2212, 2176, 502]. **Visualizing** [1991]. **VITAL** [1271]. **VLSI** [810]. **Vocabulary** [2066]. **Volume** [2196]. **VOODOO** [1745]. **Voronoi** [397, 1100, 34, 1103]. **VPN** [1603, 1598]. **vs** [1346, 1546, 808, 2065, 54, 313, 1405, 266]. **Vulnerability** [1997]. **VuSystem** [2018].

W [486]. **Wait** [758, 741]. **Wait-Free** [758, 741]. **Waiver** [1360]. **Walk** [547]. **WARPmemory** [462]. **Warrant** [303]. **WASA** [1075]. **Watchman** [35]. **Watermeters** [2243]. **Watershed** [686, 610, 796]. **Wave** [710, 2037]. **Wavelet** [646, 692, 1148]. **Wavelets** [893, 706]. **Way** [535, 112]. **Weak** [252, 528, 263, 129, 956]. **Weak-Commitment** [956]. **Weakest** [1495]. **Weakly** [1698, 975]. **Weakness** [309]. **Weaving** [2242]. **Web** [1327, 1915]. **Weight** [2272, 2254, 2258, 2268, 148, 175]. **Weighted** [1709, 1707, 138, 643, 145]. **Weighting** [2216, 1863]. **Weights** [243, 1116]. **Welcoming** [1902]. **Weld** [902]. **Well** [509, 1226, 522]. **Well-formedness** [522]. **Well-foundedness** [509]. **Well-Moded** [1226]. **Well-Typed** [1226]. **Where** [1395, 1899, 2267]. **which**

[1698, 1510, 73]. **While** [1472, 431]. **Wide** [1327, 1915]. **Widgets** [1970]. **Width** [864]. **Widths** [2001]. **Will** [266]. **Window** [194, 730, 2195]. **Wireless** [1601]. **Within** [60, 2081, 1315, 1474, 44, 714]. **Without** [40, 1325, 951, 10, 1572, 81, 319, 2183, 2296, 1286, 73, 596]. **Witness** [549]. **Witness-Isomorphic** [549]. **Word** [2238, 882, 1919, 518]. **Words** [873, 2272, 149, 870, 555, 2268]. **Work** [2108, 1753, 1778, 1080]. **workers** [1841]. **Workflow** [1075, 360]. **Workflow-Based** [1075]. **Workload** [1014]. **Workpiece** [39]. **Workstation** [2029, 348]. **Workstations** [462]. **World** [1546, 1487, 408, 1534, 1658, 596, 1327, 1915]. **Wormhole** [468]. **Worst** [1722, 1088]. **Worst-Case** [1088]. **Wrappers** [1947]. **Writing** [499, 1844]. **Written** [1424]. **WWW** [1082, 1915].

X [2091, 697]. **X-rays** [697]. **XC6200** [908]. **XOR** [289]. **XTEA** [2322].

year [1799, 2128, 1810].

Z [2284, 494, 474, 500, 482, 491, 478, 488, 490, 472, 481, 479, 502, 486, 480, 492]. **Z-into-Haskell** [491]. **Zemor** [2275]. **Zero** [313, 2020]. **Zero-Knowledge** [313]. **ZF** [716, 1557]. **ZM4** [346]. **ZM4/SIMPLE/PEPP** [346].

References

Sowa:1995:SSP

[1] J. F. Sowa. Syntax, semantics, and pragmatics of contexts. *Lecture Notes in Computer Science*, 954:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Foo:1995:OR

[2] N. Foo. Ontology revision. *Lecture Notes in Computer Science*, 954:16–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lehmann:1995:TAF

[3] F. Lehmann and R. Wille. A triadic approach to formal concept analysis. *Lecture Notes in Computer Science*, 954:32–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kamath:1995:AID

[4] R. Y. Kamath and W. R. Cyre. Automatic integration of digital system requirements using schemata. *Lecture Notes in Computer Science*, 954:44–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Puder:1995:STU

[5] A. Puder, S. Markwitz, and F. Gudermann. Service trading using conceptual structures. *Lecture Notes in Computer Science*, 954:59–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nicolov:1995:SGC

[6] N. Nicolov, C. Mellish, and G. Ritchie. Sentence generation from conceptual graphs. *Lecture Notes in Computer Science*, 954:74–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moulin:1995:DSP

[7] B. Moulin. Discourse spaces: A pragmatic interpretation of contexts. *Lecture Notes in Computer Science*, 954:

89–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moulin:1995:PRA

[8] B. Moulin. A pragmatic representational approach of context and reference in discourses. *Lecture Notes in Computer Science*, 954:105–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wagner:1995:UCG

[9] J. C. Wagner, R. H. Baud, and J.-R. Scherrer. Using the conceptual graphs operations for natural language generation in medicine. *Lecture Notes in Computer Science*, 954:115–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amghar:1995:TLP

[10] T. Amghar, F. Gayral, and B. Levrat. Table 10 left without paying the bill! A good reason to treat metonymy with conceptual graphs. *Lecture Notes in Computer Science*, 954:129–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ellis:1995:OOC

[11] G. Ellis. Object-oriented conceptual graphs. *Lecture Notes in Computer Science*, 954:144–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ghosh:1995:DPP

[12] Bikash Chandra Ghosh and V. Wuwongse. A direct proof procedure for definite conceptual graph programs. *Lecture Notes in Computer Science*, 954:158–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bournaud:1995:CCC

[13] I. Bournaud and J.-G. Ganascia. Conceptual clustering of complex objects: A generalization space based approach. *Lecture Notes in Computer Science*, 954:173–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Champesme:1995:UES

[14] M. Champesme. Using empirical subsumption to reduce the search space in learning. *Lecture Notes in Computer Science*, 954:188–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roberts:1995:NPS

[15] J. D. Roberts. A new parallelization of subgraph isomorphism refinement for classification and retrieval of conceptual structures. *Lecture Notes in Computer Science*, 954:202–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chan:1995:TNI

[16] A. Chan and P. Kocura. Transputer network implementation of a parallel projection algorithm for conceptual graphs. *Lecture Notes in Computer Science*, 954:217–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fall:1995:STR

[17] A. Fall. Spanning tree representations of graphs and orders in conceptual structures. *Lecture Notes in Computer Science*, 954:232–??, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Esch:1995:IMC

[18] J. Esch and R. Levinson. An implementation model for contexts and negation in conceptual graphs. *Lecture Notes in Computer Science*, 954:247–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cogis:1995:LDC

[19] O. Cogis and O. Guinaldo. A linear descriptor for conceptual graphs and a class for polynomial isomorphism test. *Lecture Notes in Computer Science*, 954:263–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Willems:1995:PUC

[20] M. Willems. Projection and unification for conceptual graphs. *Lecture Notes in Computer Science*, 954:278–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Poole:1995:NAM

[21] J. Poole and J. A. Campbell. A novel algorithm for matching conceptual and related graphs. *Lecture Notes in Computer Science*, 954:293–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoede:1995:OKG

[22] C. Hoede. On the ontology of knowledge graphs. *Lecture Notes in Computer Science*, 954:308–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wermelinger:1995:CGF

[23] M. Wermelinger. Conceptual graphs and first-order logic. *Lecture Notes in Computer Science*, 954:323–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VandenBerg:1995:EGD

[24] H. Van den Berg. Existential graphs and dynamic predicate logic. *Lecture Notes in Computer Science*, 954:338–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bilardi:1995:LBP

[25] G. Bilardi and F. P. Preparata. Lower bounds to processor-time tradeoffs under bounded speed message propagation. *Lecture Notes in Computer Science*, 955:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jaromczyk:1995:TLC

[26] J. W. Jaromczyk and M. Kowaluk. The two-line center problem from a polar view: a new algorithm and data structure. *Lecture Notes in Computer Science*, 955:13–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glozman:1995:SGS

[27] A. Glozman, K. Kedem, and G. Shpitalnik. On some geometric selection and optimization problems via sorted matrices. *Lecture Notes in Computer Science*, 955:26–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holzman:1995:LBQ

[28] R. Holzman, Y. Marcus, and D. Peleg. Load balancing in quorum systems. *Lecture Notes in Computer Science*, 955:38–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kroell:1995:BDS

[29] B. Kroell and P. Widmayer. Balanced distributed search trees do not exist. *Lecture Notes in Computer Science*, 955:50–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Estivill-Castro:1995:TFI

[30] V. Estivill-Castro and J. Urrutia. Two-floodlight illumination of convex polygons. *Lecture Notes in Computer Science*, 955:62–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Das:1995:CAI

[31] G. Das and M. T. Goodrich. On the complexity of approximating and illuminating three-dimensional convex polyhedra. *Lecture Notes in Computer Science*, 955:74–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Phillips:1995:SJA

[32] C. Phillips, C. Stein, and J. Wein. Scheduling jobs that arrive over time. *Lecture Notes in Computer Science*, 955:86–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frandsen:1995:DAD

[33] Gudmund Skovbjerg Frandsen, T. Husfeldt, P. Bro Miltersen, and T. Rauhe. Dynamic algorithms for the dyck languages. *Lecture Notes in Computer Science*, 955:98–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sharir:1995:AHD

[34] M. Sharir. Arrangements in higher dimensions: Voronoi diagrams, motion planning, and other applications. *Lecture Notes in Computer Science*, 955: 109–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carlsson:1995:CSW

[35] S. Carlsson and H. Jonsson. Computing a shortest watchman path in a simple polygon in polynomial time. *Lecture Notes in Computer Science*, 955: 122–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lopez-Ortiz:1995:GHT

[36] A. Lopez-Ortiz and S. Schuierer. Going home through an unknown street. *Lecture Notes in Computer Science*, 955: 135–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Albers:1995:PML

[37] S. Albers and H. Koga. Page migration with limited local memory capacity. *Lecture Notes in Computer Science*, 955:147–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Irani:1995:RAM

[38] S. Irani and S. Seiden. Randomized algorithms for metrical task systems. *Lecture Notes in Computer Science*, 955:159–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gupta:1995:EGA

[39] P. Gupta, R. Janardan, J. Majhi, and T. Woo. Efficient geometric algorithms for workpiece orientation in 4- and 5 axis NC machining. *Lecture Notes in Computer Science*, 955:171–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kirkpatrick:1995:CCT

[40] D. Kirkpatrick and J. Snoeyink. Computing common tangents without a separating line. *Lecture Notes in Computer Science*, 955:183–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grove:1995:OPM

[41] E. F. Grove, M.-Y. Kao, P. Krishnan, and J. Scott Vitter. Online perfect matching and mobile computing. *Lecture Notes in Computer Science*, 955:194–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ausiello:1995:CAL

[42] G. Ausiello, E. Feuerstein, S. Leonardi, and L. Stougie. Competitive algorithms for the on-line traveling salesman. *Lecture Notes in Computer Science*, 955:206–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Toussaint:1995:QPS

[43] G. Toussaint. Quadrangulations of planar sets. *Lecture Notes in Computer Science*, 955:218–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lingas:1995:LTC

[44] A. Lingas and A. Mukhopadhyay. A linear-time construction of the relative neighborhood graph within a histogram. *Lecture Notes in Computer Science*, 955:228–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liotta:1995:CPD

[45] G. Liotta and G. Di Battista. Computing proximity drawings of trees in the 3-dimensional space. *Lecture Notes in Computer Science*, 955:239–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roberts:1995:RTM

[46] A. Roberts, A. Symvonis, and L. Zhang. Routing on trees via matchings. *Lecture Notes in Computer Science*, 955:251–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Annexstein:1995:RAH

[47] F. S. Annexstein and E. A. Kuchko. A ranking algorithm for Hamilton paths in shuffle-exchange graphs. *Lecture Notes in Computer Science*, 955:263–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boyar:1995:ARC

[48] J. Boyar, R. Fagerberg, and K. S. Larsen. Amortization results for chromatic search trees, with an application to priority queues. *Lecture Notes in Computer Science*, 955:270–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brodal:1995:FMP

[49] Gerth Stoelting Brodal. Fast meldable priority queues. *Lecture Notes in Computer Science*, 955:282–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kagaris:1995:CFD

[50] D. Kagaris, G. E. Pantziou, S. Tragoudas, and C. D. Zaroliagis. On the computation of fast data transmissions in networks with capacities and delays. *Lecture Notes in Computer Science*, 955:291–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baruah:1995:RDW

[51] S. Baruah and G. Pruesse. Routing with delays when storage is costly. *Lecture Notes in Computer Science*, 955: 303–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vitanyi:1995:AAP

[52] P. Vitanyi and M. Li. Algorithmic arguments in physics of computation. *Lecture Notes in Computer Science*, 955:315–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arge:1995:BTN

[53] L. Arge. The buffer tree: A new technique for optimal I/O-algorithms. *Lecture Notes in Computer Science*, 955: 334–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chiang:1995:EPE

[54] Y.-J. Chiang. Experiments on the practical I/O efficiency of geometric algorithms: Distribution sweep vs. plane sweep. *Lecture Notes in Computer Science*, 955:346–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corneil:1995:CDP

[55] D. G. Corneil, S. Olariu, and L. Stewart. Computing a dominating pair in an asteroidal triple-free graph in linear time. *Lecture Notes in Computer Science*, 955:358–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Djidjev:1995:LAM

[56] H. N. Djidjev. A linear algorithm for the maximal planar subgraph problem. *Lecture Notes in Computer Science*, 955:369–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Callahan:1995:TBT

[57] P. Callahan, M. T. Goodrich, and K. Ramaiyer. Topology B-trees and their applications. *Lecture Notes in Computer Science*, 955:381–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moffat:1995:PCM

[58] A. Moffat and J. Katajainen. In-place calculation of minimum-redundancy codes. *Lecture Notes in Computer Science*, 955:393–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaller:1995:RFC

[59] D. Kaller, A. Gupta, and T. Shermer. Regular-factors in the complements of partial k-trees. *Lecture Notes in Computer Science*, 955:403–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cattell:1995:OWF

[60] K. Cattell, M. J. Dinneen, and M. R. Fellows. Obstructions to within a few vertices or edges of acyclic. *Lecture Notes in Computer Science*, 955:415–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hariharan:1995:FEA

[61] R. Hariharan, S. Kapoor, and V. Kumar. Faster enumeration of all spanning trees of a directed graph. *Lecture Notes in Computer Science*, 955:428–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

King:1995:SMS

[62] V. King. A simpler minimum spanning tree verification algorithm. *Lecture Notes in Computer Science*, 955:440–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berman:1995:API

[63] P. Berman and T. Fujito. On approximation properties of the independent set problem in degree 3 graphs. *Lecture Notes in Computer Science*, 955:449–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lau:1995:ACS

[64] Hoong Chuin Lau. Approximation of constraint satisfaction via local search. *Lecture Notes in Computer Science*, 955:461–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andersson:1995:DRS

[65] A. Andersson and K. Swanson. On the difficulty of range searching. *Lecture Notes in Computer Science*, 955:473–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fich:1995:TSS

[66] F. Fich and P. Bro Miltersen. Tables should be sorted (on random access machines). *Lecture Notes in Computer Science*, 955:482–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Armen:1995:ILB

[67] C. Armen and C. Stein. Improved length bounds for the shortest superstring problem. *Lecture Notes in Computer Science*, 955:494–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bafna:1995:NOL

[68] V. Bafna, B. Narayanan, and R. Ravi. Non-overlapping local alignments. *Lecture Notes in Computer Science*, 955: 506–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mehlhorn:1995:EIG

[69] K. Mehlhorn. Experiences with the implementation of geometric algorithms. *Lecture Notes in Computer Science*, 955:518–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:EFN

[70] J. Y. B. Lee and P. C. Wong. The effect of function noise, on GP efficiency. *Lecture Notes in Computer Science*, 956:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Whigham:1995:GAL

[71] P. A. Whigham and R. I. McKay. Genetic approaches to learning recursive relations. *Lecture Notes in Computer Science*, 956:17–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aytekin:1995:AGP

[72] T. Aytekin, E. E. Korkmaz, and H. A. Guevennir. An application of genetic programming to the 4-OP problem using map-trees. *Lecture Notes in Computer Science*, 956:28–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rowe:1995:DRG

[73] J. Rowe and I. East. Direct replacement: a genetic algorithm without mutation which avoids deception. *Lecture Notes in Computer Science*, 956:41–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

TuanPham:1995:CEN

[74] Q. Tuan Pham. Competitive evolution: a natural approach to operator selection. *Lecture Notes in Computer Science*, 956:49–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1995:ECC

[75] Z. Zhang, S. Bai, and G.-J. Li. Emergent collective computational abilities in interacting particle systems. *Lecture Notes in Computer Science*, 956:61–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Michalewicz:1995:PEC

[76] Z. Michalewicz. A perspective on evolutionary computation. *Lecture Notes in Computer Science*, 956:73–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yao:1995:ESP

[77] X. Yao and P. Darwen. An experimental study of N-person iterated prisoner's dilemma games. *Lecture Notes in Computer Science*, 956:90–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chan:1995:SAH

[78] H. Chan and P. Mazumder. A systolic architecture for high speed hy-

pergraph partitioning using genetic algorithms. *Lecture Notes in Computer Science*, 956:109–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wong:1995:DHO

[79] K. P. Wong and S. Y. W. Wong. Development of hybrid optimisation techniques based on genetic algorithms and simulated annealing. *Lecture Notes in Computer Science*, 956:127–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wong:1995:DPH

[80] K. P. Wong and S. Y. W. Wong. Development of parallel hybrid optimisation techniques based on genetic algorithms and simulated annealing. *Lecture Notes in Computer Science*, 956: 155–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hinterding:1995:GAC

[81] R. Hinterding and L. Khan. Genetic algorithms for cutting stock problems: with and without contiguity. *Lecture Notes in Computer Science*, 956:166–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lienig:1995:GGA

[82] J. Lienig and K. Thulasiraman. GASBOR: A genetic algorithm for switchbox routing in integrated circuits. *Lecture Notes in Computer Science*, 956: 187–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seunarine:1995:CSM

[83] D. Seunarine and E. Eberbach. The calculus of self-modifiable algorithm based evolutionary computer network routing. *Lecture Notes in Computer Science*, 956:201–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sugiyama:1995:ERS

[84] T. Sugiyama, T. Kido, and M. Nakanishi. Evolving robot strategy for open ended game. *Lecture Notes in Computer Science*, 956:225–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pan:1995:EAA

[85] Z. Pan, L. Kang, J. He, and Y. Liu. An evolutionary approach to adaptive model-building. *Lecture Notes in Computer Science*, 956:236–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Machado:1995:TNN

[86] A. M. C. Machado and M. F. M. Campos. Training neural networks with influence diagrams. *Lecture Notes in Computer Science*, 956:245–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lindley:1995:BTI

[87] C. A. Lindley. A behavioural theory of intelligent machines as a framework for the analysis of adaptation. *Lecture Notes in Computer Science*, 956:257–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Darwen:1995:ERS

[88] P. J. Darwen and X. Yao. On evolving robust strategies for iterated prisoner's dilemma. *Lecture Notes in Computer Science*, 956:276–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Piggott:1995:EGG

[89] P. Piggott and F. Suraweera. Encoding graphs for genetic algorithms: an investigation using the minimum spanning tree problem. *Lecture Notes in Computer Science*, 956:305–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Drogoul:1995:WAP

[90] A. Drogoul. When ants play chess (or can strategies emerge from tactical behaviours?). *Lecture Notes in Computer Science*, 957:13–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burkhard:1995:HDA

[91] H.-D. Burkhard. How to define agent properties — or: What is a fair agent? *Lecture Notes in Computer Science*, 957:28–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nagao:1995:EPC

[92] K. Nagao, K. Hasida, and T. Miyata. Emergent planning: A computational architecture for situated behaviour. *Lecture Notes in Computer Science*, 957:42–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shehory:1995:CFA

[93] O. Shehory and S. Kraus. Coalition formation among autonomous agents: Strategies and complexity. *Lecture Notes in Computer Science*, 957:56–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ketchpel:1995:CFA

[94] S. P. Ketchpel. Coalition formation among autonomous agents. *Lecture Notes in Computer Science*, 957:73–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glance:1995:OFS

[95] N. S. Glance and B. A. Huberman. Organizational fluidity and sustainable cooperation. *Lecture Notes in Computer Science*, 957:89–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1995:ECS

[96] J. Liu and K. Sycara. Emergent constraint satisfaction through multi-agent coordinated interaction. *Lecture Notes in Computer Science*, 957:107–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fischer:1995:SDT

[97] K. Fischer, N. Kuhn, H. J. Mueller, and J. P. Mueller. Sophisticated and distributed: The transportation domain. *Lecture Notes in Computer Science*, 957:122–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ephrati:1995:FIE

[98] E. Ephrati and J. S. Rosenschein. A framework for the interleaving of execution and planning for dynamic tasks by multiple agents. *Lecture Notes in Computer Science*, 957:139–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burmeister:1995:GCC

[99] B. Burmeister, A. Haddadi, and K. Sundermeyer. Generic, configurable, cooperation protocols for multi-agent systems. *Lecture Notes in Computer Science*, 957:157–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Correa:1995:AAA

[100] M. Correa and H. Coelho. Around the architectural agent approach to model conversations. *Lecture Notes in Computer Science*, 957:172–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Conte:1995:NMO

[101] R. Conte and C. Castelfranchi. Norms as mental objects — from normative beliefs to normative goals. *Lecture Notes in Computer Science*, 957:186–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bourgine:1995:HAC

[102] P. Bourgine. The hedonic agent: A constructivist approach of abductive capacities. *Lecture Notes in Computer Science*, 957:199–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steiner:1995:CFM

[103] D. Steiner, A. Burt, M. Kolb, and C. Leri. The conceptual framework of MAI02L. *Lecture Notes in Computer Science*, 957:217–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Manela:1995:DGP

[104] M. Manela and J. A. Campbell. Designing good pursuit problems as testbeds for distributed. *Lecture Notes in Computer Science*, 957:231–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ueberberg:1995:ITP

[105] J. Ueberberg. Interactive theorem proving and computer algebra. *Lecture Notes in Computer Science*, 958:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rege:1995:PAG

[106] A. Rege and J. Canny. A practical algorithm for geometric theorem proving. *Lecture Notes in Computer Science*, 958:10–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Homann:1995:CTP

[107] K. Homann and J. Calmet. Combining theorem proving and symbolic mathematical computing. *Lecture Notes in Computer Science*, 958:18–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kapitonova:1995:TSP

[108] Y. V. Kapitonova, A. A. Letichevsky, V. A. Volkov, and M. S. L'vov. Tools

for solving problems in the scope of algebraic programming. *Lecture Notes in Computer Science*, 958:30–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chippendale:1995:PPI

[109] M. Chippendale. Planning a proof of the intermediate value theorem. *Lecture Notes in Computer Science*, 958: 48–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Madden:1995:GTA

[110] P. Madden and I. Green. A general technique for automatically optimizing programs through the use of proof plans. *Lecture Notes in Computer Science*, 958:64–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Butler:1995:DTG

[111] G. Butler. Datalog and two groups and C++. *Lecture Notes in Computer Science*, 958:80–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jumpertz:1995:LLR

[112] P. Jumpertz. Linear logic and real closed fields: a way to handle situations dynamically. *Lecture Notes in Computer Science*, 958:93–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baker:1995:PEA

[113] S. Baker and A. Smaill. A proof environment for arithmetic with the Omega rule. *Lecture Notes in Computer Science*, 958:115–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Missura:1995:UCP

[114] S. A. Missura and A. Weber. Using commutativity properties for controlling coercions. *Lecture Notes in Computer Science*, 958:131–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Missura:1995:TSP

[115] S. A. Missura. Theories = signatures + propositions used as types. *Lecture Notes in Computer Science*, 958:144–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Collart:1995:ISG

[116] S. Collart and D. Mall. The ideal structure of Gröbner base computations. *Lecture Notes in Computer Science*, 958:156–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pfalzgraf:1995:MCA

[117] J. Pfalzgraf, K. Stokkermans, and U. C. Sigmund. Modeling cooperating agents scenarios by deductive planning methods and logical fiberings. *Lecture Notes in Computer Science*, 958:167–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Telerman:1995:PMC

[118] V. Telerman. Propagation of mathematical constraints in subdefinite models. *Lecture Notes in Computer Science*, 958:191–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buendgen:1995:CCA

[119] R. Buendgen. Combining computer algebra and rule based reasoning. *Lecture Notes in Computer Science*, 958: 209–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsumoto:1995:ASE

[120] S. Tsumoto and H. Tanaka. Algebraic specification of empirical inductive learning methods based on rough sets and matroid theory. *Lecture Notes in Computer Science*, 958:224–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nettleton:1995:SPU

[121] D. J. Nettleton and R. Garigliano. Subsymbolic processing using adaptive algorithms. *Lecture Notes in Computer Science*, 958:244–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laita:1995:IPB

[122] L. M. Laita, L. De Ledesma, E. Roanes-Lozano, and E. Roanes-Macias. An interpretation of the propositional Boolean algebra as a k-algebra effective calculus. *Lecture Notes in Computer Science*, 958:255–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Semenov:1995:SCS

[123] A. Semenov, A. Babichev, and A. Leshchenko. Subdefinite computations and symbolic transformations in the UniCalc solver. *Lecture Notes in Computer Science*, 958:264–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zwick:1995:CMP

[124] U. Zwick and M. S. Paterson. The complexity of mean payoff games. *Lecture Notes in Computer Science*, 959:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Iwama:1995:ACS

[125] K. Iwama and S. Miyazaki. Approximation of coNP sets by NP-Complete sets. *Lecture Notes in Computer Science*, 959:11–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Feng:1995:HDP

[126] Q.-W. Feng, R. F. Cohen, and P. Eades. How to draw a planar clustered graph. *Lecture Notes in Computer Science*, 959:21–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Calamoneri:1995:EOG

[127] T. Calamoneri and R. Petreschi. An efficient orthogonal grid drawing algorithm for cubic graphs. *Lecture Notes in Computer Science*, 959:31–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1995:CIS

[128] S.-W. Cheng and Y.-F. Xu. Constrained independence system and triangulations of planar point sets. *Lecture Notes in Computer Science*, 959: 41–??, 1995. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Wang:1995:TDW

[129] C. Wang and B. Zhu. Three dimensional weak visibility: Complexity and applications. *Lecture Notes in Computer Science*, 959:51–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1995:RRP

[130] Sung Kwon Kim. Rectangulating rectilinear polygons in parallel. *Lecture Notes in Computer Science*, 959:61–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kamakoti:1995:ERI

[131] V. Kamakoti, K. Krithivasan, and C. Pandu Rangan. Efficient randomized incremental algorithm for the closest pair problem using leafary trees. *Lecture Notes in Computer Science*, 959:71–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chan:1995:TCO

[132] E. P. F. Chan and R. Van der Meyden. Testing containment of object-oriented conjunctive queries is 0p2-Hard. *Lecture Notes in Computer Science*, 959:81–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1995:CIR

[133] R. Zhang. Computing infinite relations using finite expressions: a new approach to the safety issue in relational databases. *Lecture Notes in Computer Science*, 959:91–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lima:1995:STU

[134] Seung Jin Lima and Y.-K. Ng. Set-term unification in a logic database language. *Lecture Notes in Computer Science*, 959:101–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wild:1995:CFC

[135] M. Wild. Computations with finite closure systems and implications. *Lecture Notes in Computer Science*, 959:111–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lingas:1995:MTP

[136] A. Lingas. Maximum tree-packing in time O(n050/02). *Lecture Notes in Computer Science*, 959:121–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shi:1995:OAF

[137] W. Shi and D. B. West. Optimal algorithms for finding connected components of an unknown graph. *Lecture Notes in Computer Science*, 959:131–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ganley:1995:MWS

[138] J. L. Ganley, M. J. Golin, and J. S. Salowe. The multi-weighted spanning tree problem. *Lecture Notes in Computer Science*, 959:141–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1995:AGE

[139] J. Chen. Algorithmic graph embeddings. *Lecture Notes in Computer Science*, 959:151–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agrawal:1995:AQB

[140] D. Agrawal, O. Egecioglu, and A. El Abbadi. Analysis of quorum-based protocols for distributed (k + 1)- exclusion. *Lecture Notes in Computer Science*, 959:161–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lin:1995:HFT

[141] X. Lin and M. E. Orlowska. A highly fault-tolerant quorum consensus method for managing replicated data. *Lecture Notes in Computer Science*, 959:171–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huang:1995:CCI

[142] G. Huang. Constructing craig interpolation formulas. *Lecture Notes in Computer Science*, 959:181–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kawabe:1995:COS

[143] Y. Kawabe and N. lshii. Currying of order-sorted term rewriting systems. *Lecture Notes in Computer Science*, 959:191–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rengarajan:1995:SQN

[144] S. Rengarajan and C. E. Veni Madhavan. Stack and queue number of 2-Trees. *Lecture Notes in Computer Science*, 959:203–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Walley:1995:SPR

[145] S. K. Walley and H. H. Tan. Shortest paths in random weighted graphs. *Lecture Notes in Computer Science*, 959: 213–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhou:1995:SRC

[146] X. Zhou and T. Nishizeki. Simple reduction of f-colorings to edge-colorings. *Lecture Notes in Computer Science*, 959:223–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hayase:1995:OSS

[147] K. Hayase, K. Sadakane, and S. Tani. Output-size sensitivities of OBDD. construction through maximal independent set problem. *Lecture Notes in Computer Science*, 959:229–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tromp:1995:SWB

[148] J. Tromp, L. Zhang, and Y. Zhao. Small weight bases for Hamming codes. *Lecture Notes in Computer Science*, 959:235–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cassaigne:1995:TWG

[149] J. Cassaigne and J. Karhumaeki. Toeplitz words, generalized periodicity and periodically iterated morphisms. *Lecture Notes in Computer Science*, 959:244–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barcucci:1995:CEC

[150] E. Barcucci, A. Del Lungo, E. Pergola, and R. Pinzani. A construction for enumerating k-coloured Motzkin paths. *Lecture Notes in Computer Science*, 959:254–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oleshchuk:1995:PKC

[151] V. A. Oleshchuk. On public-key cryptosystem based on Church–Rosser string-rewriting systems. *Lecture Notes in Computer Science*, 959:264–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Savage:1995:EHK

[152] J. E. Savage. Extending the Hong-Kung model to memory hierarchies. *Lecture Notes in Computer Science*, 959:270–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cai:1995:LTA

[153] L. Cai and J. Chen. On log-time alternating Turing machines of alternating depth κ. *Lecture Notes in Computer Science*, 959:282–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kurosawa:1995:NBA

[154] K. Kurosawa and S. Kageyama. New bound for affine resolvable designs and its application to authentication codes. *Lecture Notes in Computer Science*, 959:292–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lubachevsky:1995:DPK

[155] B. D. Lubachevsky and R. L. Graham. Dense packings of 3kappa(kappa + 1) + 1 equal disks in a circle for kappa = 1,2,3,4, alibi 5. *Lecture Notes in Computer Science*, 959:303–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Diaz:1995:EPA

[156] J. Diaz, A. Gibbons, G. Pantziou, and M. Serna. Efficient parallel algorithms for some tree layout problems. *Lecture Notes in Computer Science*, 959:313–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Han:1995:CAP

[157] Y. Han and X. Shen. Conservative algorithms for parallel and sequential integer sorting. *Lecture Notes in Computer Science*, 959:324–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1995:OAP

[158] Z. Chen. An optimal algorithm for proper learning of unions of two rectangles with queries. *Lecture Notes in Computer Science*, 959:334–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1995:DNC

[159] Z. Chen. Disjunctions of negated counting functions are efficiently learnable with equivalence queries. *Lecture Notes in Computer Science*, 959:344–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wu:1995:NEC

[160] S. Wu. Non-empty cross-3-intersection theorems of subsets. *Lecture Notes in Computer Science*, 959:350–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bo:1995:CMT

[161] Y. Bo. Convexity of minimal total dominating functions in graphs. *Lecture Notes in Computer Science*, 959:357–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duparc:1995:TMP

[162] J. H. Duparc and P. Rolland. Transformations for maximal planar graphs with minimum degree five. *Lecture Notes in Computer Science*, 959:366–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

You:1995:APM

[163] Z. You and C. Wang. An asynchronous parallel method for linear systems. *Lecture Notes in Computer Science*, 959:372–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1995:KSP

[164] X. Zhang. On a kind of sequence of polynomials. *Lecture Notes in Computer Science*, 959:379–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meng:1995:HCG

[165] J. Meng. Hamiltonian cycles in 2-generated Cayley digraphs of Abelian groups. *Lecture Notes in Computer Science*, 959:384–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xu:1995:PMS

[166] C.-X. Xu and Z.-W. Lu. Pandiagonal magic squares. *Lecture Notes in Computer Science*, 959:388–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1995:PQM

[167] H. Wang and Z.-Y. You. PFFM and quasi-morishima matrices. *Lecture Notes in Computer Science*, 959:392–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chang:1995:EFT

[168] C. F. Chang, J. X. Chang, X. C. Liu, and P. C. B. Lam. Edge-face total chromatic number of outerplanar graphs with cap delta(G) = 6. *Lecture Notes in Computer Science*, 959:396–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schuler:1995:SCP

[169] R. Schuler and T. Yamakami. Sets computable in polynomial time on av-

erage. *Lecture Notes in Computer Science*, 959:400–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Belanger:1995:RDD

[170] J. Belanger and J. Wang. Rankable distributions do not provide harder instances than uniform distributions. *Lecture Notes in Computer Science*, 959:410–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kobayashi:1995:TPM

[171] K. Kobayashi. Transformations that preserve malignness of universal distributions. *Lecture Notes in Computer Science*, 959:420–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hemaspaandra:1995:ISB

[172] L. A. Hemaspaandra and J. Rothe. Intersection suffices for Boolean hierarchy equivalence. *Lecture Notes in Computer Science*, 959:430–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kelley:1995:LCA

[173] D. Kelley, P.-J. Wan, and Q. Yang. A 3/2 log 3-Competitive algorithm for the counterfeit coin problem. *Lecture Notes in Computer Science*, 959:436–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carlsson:1995:SRD

[174] S. Carlsson and J. Chen. Searching rigid data structures. *Lecture Notes in Computer Science*, 959:446–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1995:BSM

[175] B.-T. Yang. A better subgraph of the minimum weight triangulation. *Lecture Notes in Computer Science*, 959:452–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gao:1995:SDM

[176] W. Gao and B. Yin. Sequence decomposition method for computing a Gröbner basis and its application to bivariate splines. *Lecture Notes in Computer Science*, 959:456–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bai:1995:BAO

[177] L. Bai, P. M. Yamakawa, H. Ebara, and H. Nakano. A broadcasting algorithm oil tile arrangement graph. *Lecture Notes in Computer Science*, 959: 462–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shiau:1995:FMF

[178] S.-H. Shiau and C.-B. Fang. A fast maximum finding algorithm on broadcast communication. *Lecture Notes in Computer Science*, 959:472–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shastri:1995:BGN

[179] A. Shastri. Broadcasting in general networks I: Trees. *Lecture Notes in Computer Science*, 959:482–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chern:1995:UDA

[180] S.-C. Chern, T.-C. Tuan, and J.-S. Jwo. Uni-directional alternating group graphs. *Lecture Notes in Computer Science*, 959:490–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sakurai:1995:SPK

[181] K. Sakurai. On separating proofs of knowledge from proofs of membership of languages and its application to secure identification schemes. *Lecture Notes in Computer Science*, 959:496–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krumke:1995:CLP

[182] S. O. Krumke, H. Noltemeier, S. S. Ravi, and M. V. Marathe. Compact location problems with budget and communication constraints. *Lecture Notes in Computer Science*, 959: 510–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1995:MDS

[183] S.-W. Cheng, M. Kaminski, and S. Zaks. Minimum dominating sets of intervals on lines. *Lecture Notes in Computer Science*, 959:520–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choi:1995:TDP

[184] Y. Choi and T. W. Lam. Two-dimensional pattern matching on a dynamic library of texts. *Lecture Notes in Computer Science*, 959:530–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Crescenzi:1995:SAC

[185] P. Crescenzi, V. Kann, R. Silvestri, and L. Trevisan. Structure in approximation classes. *Lecture Notes in Computer Science*, 959:539–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Peinado:1995:ILB

[186] M. Peinado. Improved lower bounds for the randomized Boppana-Halldorsson algorithm for MAXCLIQUE. *Lecture Notes in Computer Science*, 959:549–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1995:MCN

[187] Q. Cheng and H. Zhu. MNP: A class of NP optimization problems. *Lecture Notes in Computer Science*, 959:559–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bacik:1995:SPA

[188] R. Bacik and S. Mahajan. Semidefinite programming and its applications to NP problems. *Lecture Notes in Computer Science*, 959:566–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hui:1995:AEL

[189] L. C.-K. Hui and K.-Y. Lam. Analysis and experimentation on list update algorithms. *Lecture Notes in Computer Science*, 959:576–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Khoury:1995:EBB

[190] B. N. Khoury and P. M. Pardalos. An exact branch and bound algorithm for the Steiner problem in graphs. *Lecture Notes in Computer Science*, 959:582–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huang:1995:PMS

[191] W. Huang, W. Li, W. Lu, and Y. Zhang. A physical model for the satisfiability problem. *Lecture Notes in Computer Science*, 959:591–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1995:EAL

[192] Sam Myo Kim and R. McNaughton. An efficient algorithm for local testability problem of finite state automata. *Lecture Notes in Computer Science*, 959: 597–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yu:1995:STT

[193] X. Yu and M. Yung. Scheduling task-tree with additive scales on parallel/ distributed machines. *Lecture Notes in Computer Science*, 959:607–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chan:1995:SVS

[194] C.-I. Chan and G. H. Young. Single-vehicle scheduling problem on a straight line with time window constraints. *Lecture Notes in Computer Science*, 959:617–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1995:LAS

[195] R. Li and L. Shi. An on-line algorithm for some uniform processor scheduling. *Lecture Notes in Computer Science*, 959:627–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jeavons:1995:ACT

[196] P. Jeavons and D. Cohen. An algebraic characterization of tractable constraints. *Lecture Notes in Computer Science*, 959:633–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ding:1995:LPU

[197] J. Ding, C. Qing, and G. Song. Limit property of unbalanced development in economic network. *Lecture Notes in Computer Science*, 959:643–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jiang:1995:MCS

[198] T. Jiang. Matching and comparing sequences in molecular biology. *Lecture Notes in Computer Science*, 959:648–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vazirani:1995:PDS

[199] V. V. Vazirani. Primal-dual schema based approximation algorithms. *Lecture Notes in Computer Science*, 959: 650–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cardone:1995:SFF

[200] F. Cardone. Strict finitism and feasibility. *Lecture Notes in Computer Science*, 960:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parikh:1995:LO

[201] R. Parikh. Logical omniscience. *Lecture Notes in Computer Science*, 960:22–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sazonov:1995:FN

[202] V. Y. Sazonov. On feasible numbers. *Lecture Notes in Computer Science*, 960:30–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bloch:1995:PHR

[203] S. Bloch. On parallel hierarchies and R0ik. *Lecture Notes in Computer Science*, 960:52–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berger:1995:PEC

[204] U. Berger and H. Schwichtenberg. Program extraction from classical proofs. *Lecture Notes in Computer Science*, 960:77–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clote:1995:CMF

[205] P. Clote. Computational models and function algebras. *Lecture Notes in Computer Science*, 960:98–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Constable:1995:ECC

[206] R. L. Constable. Expressing computational complexity in constructive type theory. *Lecture Notes in Computer Science*, 960:131–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Girard:1995:LLL

[207] J.-Y Girard. Light linear logic. *Lecture Notes in Computer Science*, 960: 145–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leivant:1995:ITC

[208] D. Leivant. Intrinsic theories and computational complexity. *Lecture Notes in Computer Science*, 960:177–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buss:1995:HT

[209] S. R. Buss. On Herbrand's theorem. *Lecture Notes in Computer Science*, 960:195–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krajicek:1995:SCC

[210] J. Krajicek and P. Pudlak. Some consequences of cryptographical conjectures for S012 and EF. *Lecture Notes in Computer Science*, 960:210–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takeuti:1995:FPS

[211] G. Takeuti. Frege proof system and TNC. *Lecture Notes in Computer Science*, 960:221–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bellantoni:1995:CPT

[212] S. J. Bellantoni. Characterizing parallel time by type 2 recursions with polynomial output length. *Lecture Notes in Computer Science*, 960:253–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seth:1995:TPH

[213] A. Seth. Type 2 polynomial hierarchies. *Lecture Notes in Computer Science*, 960:269–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wainer:1995:HTR

[214] S. S. Wainer. The hierarchy of terminating recursive programs over N. *Lecture Notes in Computer Science*, 960: 281–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cenzer:1995:FCM

[215] D. Cenzer and J. B. Remmel. Feasibly categorical models. *Lecture Notes in Computer Science*, 960:300–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Graedel:1995:MMT

[216] E. Graedel and Y. Gurevich. Metafinite model theory. *Lecture Notes in Computer Science*, 960:313–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Khoussainov:1995:APS

[217] B. Khoussainov and A. Nerode. Automatic presentations of structures. *Lecture Notes in Computer Science*, 960: 367–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dawar:1995:RSO

[218] A. Dawar. A restricted second order logic for finite structures. *Lecture Notes in Computer Science*, 960:393–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fagin:1995:CPM

[219] R. Fagin. Comparing the power of monadic NP games. *Lecture Notes in Computer Science*, 960:414–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grumbach:1995:LCQ

[220] S. Grumbach, J. Su, and C. Tollu. Linear constraint query languages: Expressive power and complexity. *Lecture Notes in Computer Science*, 960: 426–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lindell:1995:CSS

[221] S. Lindell. A constant-space sequential model of computation for first-order logic. *Lecture Notes in Computer Science*, 960:447–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Makowsky:1995:LCR

[222] J. A. Makowsky and Y. B. Pnueli. Logics capturing relativized complexity classes uniformly. *Lecture Notes in Computer Science*, 960:463–??, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rosen:1995:PTF

[223] E. Rosen and S. Weinstein. Preservation theorems in finite model theory. *Lecture Notes in Computer Science*, 960:480–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Suciu:1995:QLN

[224] D. Suciu and V. Breazu-Tannen. A query language for NC. *Lecture Notes in Computer Science*, 960:503–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiehagen:1995:LC

[225] R. Wiehagen and T. Zeugmann. Learning and consistency. *Lecture Notes in Computer Science*, 961:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freivalds:1995:EDI

[226] R. Freivalds, E. B. Kinber, and R. Wiehagen. Error detecting in inductive inference. *Lecture Notes in Computer Science*, 961:25–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freivalds:1995:LGE

[227] R. Freivalds, E. B. Kinber, and R. Wiehagen. Learning from good examples. *Lecture Notes in Computer Science*, 961:49–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daley:1995:TRA

[228] R. Daley and B. Kalyanasundaram. Towards reduction arguments for FINite learning. *Lecture Notes in Computer Science*, 961:63–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Case:1995:NMS

[229] J. Case, M. Suraj, and S. Jain. Not-so-nearly-minimal-size program inference. *Lecture Notes in Computer Science*, 961:76–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ambainis:1995:OPI

[230] A. Ambainis. Optimization problem in inductive inference. *Lecture Notes in Computer Science*, 961:96–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jain:1995:ITP

[231] S. Jain and A. Sharma. On identification by teams and probabilistic machines. *Lecture Notes in Computer Science*, 961:108–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Apsitis:1995:TCC

[232] K. Apsitis. Topological considerations in composing teams of learning machines. *Lecture Notes in Computer Science*, 961:146–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freivalds:1995:PVD

[233] R. Freivalds, E. B. Kinber, and C. H. Smith. Probabilistic versus determin-

istic memory limited learning. *Lecture Notes in Computer Science*, 961:155–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gasarch:1995:CUI

[234] W. I. Gasarch, M. G. Pleszkoch, and M. Velauthapillai. Classification using information. *Lecture Notes in Computer Science*, 961:162–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiehagen:1995:CRP

[235] R. Wiehagen, C. H. Smith, and T. Zeugmann. Classifying recursive predicates and languages. *Lecture Notes in Computer Science*, 961:174–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zeugmann:1995:GTA

[236] T. Zeugmann and S. Lange. A guided tour across the boundaries of learning recursive languages. *Lecture Notes in Computer Science*, 961:190–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shinohara:1995:PI

[237] T. Shinohara and S. Arikawa. Pattern inference. *Lecture Notes in Computer Science*, 961:259–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Watson:1995:ILR

[238] P. Watson. Inductive learning of recurrence-term languages from positive data. *Lecture Notes in Computer Science*, 961:292–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takada:1995:LFL

[239] Y. Takada. Learning formal languages based on control sets. *Lecture Notes in Computer Science*, 961:316–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Globig:1995:LCB

[240] C. Globig and S. Wess. Learning in case-based classification algorithms. *Lecture Notes in Computer Science*, 961:340–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Posthoff:1995:OSL

[241] C. Posthoff and M. Schlosser. Optimal strategies — learning from examples — Boolean equations. *Lecture Notes in Computer Science*, 961:363–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mehlsam:1995:FCD

[242] G. Mehlsam, H. Kaindl, and W. Barth. Feature construction during tree learning. *Lecture Notes in Computer Science*, 961:391–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Albrecht:1995:LBD

[243] A. Albrecht. On lower bounds for the depth of threshold circuits with weights from $0 - 1, 0, +1$. *Lecture Notes in Computer Science*, 961:404–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pippig:1995:SNN

[244] E. Pippig. Structuring neural networks and PAC-Learning. *Lecture Notes in Computer Science*, 961:417–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goldammer:1995:ISR

[245] U. Goldammer. Inductive synthesis of rewrite programs. *Lecture Notes in Computer Science*, 961:435–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grieser:1995:TTR

[246] G. Grieser. TLP0S — a term rewriting laboratory (not only) for experiments in automatic program synthesis. *Lecture Notes in Computer Science*, 961:467–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beick:1995:GLP

[247] H.-R. Beick and V. Stankov. GoslerP — A logic programming tool for inductive inference. *Lecture Notes in Computer Science*, 961:482–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stirling:1995:LMC

[248] C. Stirling. Local model checking games. *Lecture Notes in Computer Science*, 962:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dam:1995:CPS

[249] M. Dam. Compositional proof systems for model checking infinite state processes. *Lecture Notes in Computer Science*, 962:12–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laroussinie:1995:CMC

[250] F. Laroussinie and K. G. Larsen. Compositional model checking of real time systems. *Lecture Notes in Computer Science*, 962:27–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Montanari:1995:CBF

[251] U. Montanari and M. Pistore. Checking bisimilarity for finitary π-calculus. *Lecture Notes in Computer Science*, 962: 42–56, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferrari:1995:WLC

[252] G.-L. Ferrari, U. Montanari, and P. Quaglia. The weak late π-calculus semantics as observation equivalence. *Lecture Notes in Computer Science*, 962:57–71, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steffen:1995:FAM

[253] B. Steffen, A. Classen, M. Klein, and J. Knoop. The fixpoint-analysis machine. *Lecture Notes in Computer Science*, 962:72–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lin:1995:UFI

[254] H. Lin. Unique fixpoint induction for mobile processes. *Lecture Notes in Computer Science*, 962:88–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1995:PTS

[255] X. Liu and D. Walker. A polymorphic type system for the polyadic π-calculus. *Lecture Notes in Computer Science*, 962:103–116, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hermida:1995:FCS

[256] C. Hermida and J. Power. Fibrational control structures. *Lecture Notes in Computer Science*, 962:117–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corradini:1995:FAM

[257] F. Corradini, R. De Nicola, and A. Labella. Fully abstract models for nondeterministic regular expressions. *Lecture Notes in Computer Science*, 962: 130–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Busi:1995:PNS

[258] N. Busi and R. Gorrieri. A Petri net semantics for π-calculus. *Lecture Notes in Computer Science*, 962:145–159, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rensink:1995:CTD

[259] A. Rensink. A complete theory of deterministic event structures. *Lecture Notes in Computer Science*, 962:160–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nielsen:1995:CBC

[260] M. Nielsen, L. Priese, and V. Sassone. Characterising behavioural congruences for Petri nets. *Lecture Notes in Computer Science*, 962:175–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vaandrager:1995:VDS

[261] F. Vaandrager. Verification of a distributed summation algorithm. *Lecture Notes in Computer Science*, 962:190–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Groote:1995:CPV

[262] J. F. Groote and M. P. A. Sellink. Confluence for process verification. *Lecture Notes in Computer Science*, 962:204–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ulidowski:1995:AWE

[263] I. Ulidowski. Axiomatisations of weak equivalences for De Simone languages. *Lecture Notes in Computer Science*, 962:219–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Segala:1995:CTB

[264] R. Segala. A compositional trace-based semantics for probabilistic automata. *Lecture Notes in Computer Science*, 962:234–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nuthez:1995:ATP

[265] M. Nuthez, D. De Frutos, and L. Llana. Acceptance trees for probabilistic processes. *Lecture Notes in Computer Science*, 962:249–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harel:1995:WPW

[266] D. Harel. Will I be pretty, will I be rich?: Some thoughts on theory vs. practice in systems engineering. *Lecture Notes in Computer Science*, 962:264–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bryans:1995:TDS

[267] J. Bryans, J. Davies, and S. Schneider. Towards a denotational semantics for ET-LOTOS. *Lecture Notes in Computer Science*, 962:269–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1995:RAP

[268] F. Wang. Reachability analysis at procedure level through timing coincidence. *Lecture Notes in Computer Science*, 962:284–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vogler:1995:FAS

[269] W. Vogler. Faster asynchronous systems. *Lecture Notes in Computer Science*, 962:299–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brinksma:1995:FT

[270] E. Brinksma, A. Rensink, and W. Vogler. Fair testing. *Lecture Notes in Computer Science*, 962:313–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Craigen:1995:FMT

[271] D. Craigen. Formal methods technology transfer: Impediments and innovation. *Lecture Notes in Computer Science*, 962:328–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abdulla:1995:DSB

[272] P. A. Abdulla and M. Kindahl. Decidability of simulation and bisimulation between loss channel systems and finite state systems. *Lecture Notes in Computer Science*, 962:333–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jancar:1995:CRP

[273] P. Jancar and F. Moller. Checking regular properties of Petri nets. *Lecture Notes in Computer Science*, 962:348–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bonsangue:1995:MPT

[274] M. M. Bonsangue, J. N. Kok, and E. De Vink. Metric predicate transformers: Towards a notion of refinement for concurrency. *Lecture Notes in Computer Science*, 962:363–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Siegel:1995:RTS

[275] M. Siegel. A refinement theory that supports both "decrease of nondeterminism" and "increase of parallelism". *Lecture Notes in Computer Science*, 962:378–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Emerson:1995:MCE

[276] E. A. Emerson. Model checking and efficient automation of temporal reasoning. *Lecture Notes in Computer Science*, 962:393–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clarke:1995:VPN

[277] E. M. Clarke, O. Grumberg, and S. Jha. Verifying parameterised networks using abstraction and regular languages. *Lecture Notes in Computer Science*, 962:395–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kupferman:1995:CBM

[278] O. Kupferman and M. Y. Vardi. On the complexity of branching modular model checking. *Lecture Notes in Computer Science*, 962:408–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaivola:1995:ALT

[279] R. Kaivola. Axiomatising linear time mu-calculus. *Lecture Notes in Computer Science*, 962:423–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thiagarajan:1995:TCS

[280] P. S. Thiagarajan. A trace consistent subset of PTL. *Lecture Notes in Computer Science*, 962:438–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holzmann:1995:PPC

[281] G. J. Holzmann. Proving properties of concurrent systems with SPIN. *Lecture Notes in Computer Science*, 962: 453–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Philippou:1995:SDC

[282] A. Philippou and D. Walker. On sharing and determinacy in concurrent systems. *Lecture Notes in Computer Science*, 962:456–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brock:1995:PSG

[283] S. Brock and G. Ostheimer. Process semantics of graph reduction. *Lecture Notes in Computer Science*, 962:471–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hennessy:1995:BCB

[284] M. Hennessy and J. Rathke. Bisimulations for a calculus of broadcasting systems. *Lecture Notes in Computer Science*, 962:486–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DArgenio:1995:DCP

[285] P. R. D'Argenio and S. Mauw. Delayed choice for process algebra with abstraction. *Lecture Notes in Computer Science*, 962:501–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ceraens:1995:CCT

[286] K. Ceraens. CTR: A calculus of timed refinement. *Lecture Notes in Computer Science*, 962:516–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouajjani:1995:TLT

[287] A. Bouajjani and Y. Lakhnech. Temporal logic + timed automata: Expressiveness and decidability. *Lecture Notes in Computer Science*, 962:531–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Preneel:1995:MMB

[288] Bart Preneel and Paul C. van Oorschot. MDx-MAC and building fast MACs from hash functions. *Lecture Notes in Computer Science*, 963: 1–14, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630001.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630001.pdf.

Bellare:1995:XMN

[289] Mihir Bellare, Roch Guérin, and Phillip Rogaway. XOR MACs: New methods for message authentication using finite pseudorandom functions. *Lecture Notes in Computer Science*, 963: 15–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630015.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630015.pdf.

Rogaway:1995:BHA

[290] Phillip Rogaway. Bucket hashing and its application to fast message authentication. *Lecture Notes in Computer Science*, 963:29–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630029.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630029.pdf.

Schroeppel:1995:FKE

[291] Richard Schroeppel, Hilarie Orman, Sean O'Malley, and Oliver Spatscheck. Fast key exchange with elliptic curve systems. *Lecture Notes in Computer Science*, 963:43–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630043.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630043.pdf.

Beguin:1995:FSA

[292] Philippe Béguin and Jean-Jacques Quisquater. Fast server-aided RSA signatures secure against active attacks. *Lecture Notes in Computer Science*, 963:57–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630057.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630057.pdf.

Lim:1995:SPS

[293] Chae Hoon Lim and Pil Joong Lee. Security and performance of server-aided RSA computation protocols. *Lecture*

Notes in Computer Science, 963:70–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630070.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630070.pdf.

Halevi:1995:ECS

[294] Shai Halevi. Efficient commitment schemes with bounded sender and unbounded receiver. *Lecture Notes in Computer Science*, 963:84–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630084.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630084.pdf.

Beaver:1995:POT

[295] Donald Beaver. Precomputing oblivious transfer. *Lecture Notes in Computer Science*, 963:97–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630097.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630097.pdf.

Crepeau:1995:COT

[296] Claude Crépeau, Jeroen van de Graaf, and Alain Tapp. Committed oblivious transfer and private multi-party computation. *Lecture Notes in Computer Science*, 963:110–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630110.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630110.pdf.

Mayers:1995:SQO

[297] Dominic Mayers. On the security of the quantum oblivious transfer and key distribution protocols. *Lecture Notes in Computer Science*, 963:124–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630124.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630124.pdf.

Theobald:1995:HBS

[298] Thorsten Theobald. How to break Shamir's asymmetric basis. *Lecture Notes in Computer Science*, 963:136–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630136.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630136.pdf.

Park:1995:SGC

[299] Sang-Joon Park, Sang-Jin Lee, and Seung-Cheol Goh. On the security of the gollmann cascades. *Lecture Notes in Computer Science*, 963:148–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (elec-

tronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630148.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630148.pdf.

Ohta:1995:ISA

[300] Kazuo Ohta, Shiho Moriai, and Kazumaro Aoki. Improving the search algorithm for the best linear expression. *Lecture Notes in Computer Science*, 963:157–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630157.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630157.pdf.

Kaliski:1995:DLC

[301] Burton S. Kaliski Jr. and Yiqun Lisa Yin. On differential and linear cryptanalysis of the RC5 encryption algorithm. *Lecture Notes in Computer Science*, 963:171–183, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630171.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630171.pdf.

Micali:1995:SMG

[302] Silvio Micali and Ray Sidney. A simple method for generating and sharing pseudo-random functions, with applications to Clipper-like key escrow systems. *Lecture Notes in Computer Science*, 963:185–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630185.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630185.pdf.

Lenstra:1995:KES

[303] Arjen K. Lenstra, Peter Winkler, and Yacov Yacobi. A key escrow system with warrant bounds. *Lecture Notes in Computer Science*, 963:197–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630197.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630197.pdf.

Kilian:1995:FCR

[304] Joe Kilian and Tom Leighton. Fair cryptosystems, revisited. *Lecture Notes in Computer Science*, 963:208–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630208.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630208.pdf.

Frankel:1995:EES

[305] Yair Frankel and Moti Yung. Escrow encryption systems visited: Attacks, analysis and designs. *Lecture Notes in Computer Science*, 963:222–??, 1995. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630222.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630222.pdf.

Anderson:1995:RPP

[306] Ross Anderson and Roger Needham. Robustness principles for public key protocols. *Lecture Notes in Computer Science*, 963:236–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630236.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630236.pdf.

Patarin:1995:CMI

[307] Jacques Patarin. Cryptanalysis of the Matsumoto and Imai public key scheme of Eurocrypt '88. *Lecture Notes in Computer Science*, 963:248–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630248.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630248.pdf.

Klapper:1995:CBA

[308] Andrew Klapper and Mark Goresky. Cryptanalysis based on 2-Adic rational approximation. *Lecture Notes in Computer Science*, 963:262–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630262.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630262.pdf.

Knudsen:1995:KSW

[309] Lars R. Knudsen. A key-schedule weakness in SAFER K-64. *Lecture Notes in Computer Science*, 963:274–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630274.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630274.pdf.

Frankel:1995:CIL

[310] Yair Frankel and Moti Yung. Cryptanalysis of the immunized LL public key systems. *Lecture Notes in Computer Science*, 963:287–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630287.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630287.pdf.

Cramer:1995:SSS

[311] Ronald Cramer and Ivan Bjerre Damgård. Secure signature schemes based on interactive protocols. *Lecture Notes in Computer Science*, 963:297–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/

bibs/0963/09630297.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630297.pdf.

Kilian:1995:IEA

[312] Joe Kilian. Improved efficient arguments. *Lecture Notes in Computer Science*, 963:311–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630311.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630311.pdf.

Damgaard:1995:HVV

[313] Ivan Bjerre Damgård, Oded Goldreich, Tatsuaki Okamoto, and Avi Wigderson. Honest verifier vs. dishonest verifier in public coin zero-knowledge proofs. *Lecture Notes in Computer Science*, 963:325–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630325.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630325.pdf.

Herzberg:1995:PSS

[314] Amir Herzberg, Stanislaw Jarecki, Hugo Krawczyk, and Moti Yung. Proactive secret sharing or: How to cope with perpetual leakage. *Lecture Notes in Computer Science*, 963:339–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630339.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630339.pdf.

Beimel:1995:SSP

[315] Amos Beimel and Benny Chor. Secret sharing with public reconstruction. *Lecture Notes in Computer Science*, 963:353–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630353.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630353.pdf.

Blakley:1995:GPS

[316] G. R. Blakley and Gregory A. Kabatianski. On general perfect secret sharing schemes. *Lecture Notes in Computer Science*, 963:367–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630367.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630367.pdf.

Dodson:1995:NFL

[317] Bruce Dodson and Arjen K. Lenstra. NFS with four large primes: An explosive experiment. *Lecture Notes in Computer Science*, 963:372–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630372.htm; http://link.springer-ny.com/link/service/

series/0558/papers/0963/09630372.pdf.

Bleichenbacher:1995:SRL

[318] Daniel Bleichenbacher, Wieb Bosma, and Arjen K. Lenstra. Some remarks on Lucas-based cryptosystems. *Lecture Notes in Computer Science*, 963:386–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630386.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630386.pdf.

Langford:1995:TDS

[319] Susan K. Langford. Threshold DSS signatures without a trusted party. *Lecture Notes in Computer Science*, 963:397–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630397.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630397.pdf.

Kurosawa:1995:CIT

[320] Kaoru Kurosawa, Satoshi Obana, and Wakaha Ogata. t-cheater identifiable (k, n) threshold secret sharing schemes. *Lecture Notes in Computer Science*, 963:410–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630410.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630410.pdf.

Boneh:1995:QCH

[321] Dan Boneh and Richard J. Lipton. Quantum cryptanalysis of hidden linear functions. *Lecture Notes in Computer Science*, 963:424–437, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630424.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630424.pdf; http://theory.stanford.edu/~dabo/papers/quantum.ps.gz.

Okamoto:1995:EDE

[322] Tatsuaki Okamoto. An efficient divisible electronic cash scheme. *Lecture Notes in Computer Science*, 963:438–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630438.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630438.pdf.

Boneh:1995:CSF

[323] Dan Boneh and James Shaw. Collusion-secure fingerprinting for digital data. *Lecture Notes in Computer Science*, 963:452–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/0963/09630452.htm; http://link.springer-ny.com/link/service/series/0558/papers/0963/09630452.pdf.

Anonymous:1995:AI

[324] Anonymous. Author index. *Lecture Notes in Computer Science*, 963:467–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://link.springer-ny.com/link/service/series/0558/papers/0963/0963indx.pdf`.

Achasova:1995:SAC

[325] S. M. Achasova. Synchronous-asynchronous cellular computations. *Lecture Notes in Computer Science*, 964:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agibalov:1995:PCF

[326] G. P. Agibalov. Parallel computations and finite automata on semilattices. *Lecture Notes in Computer Science*, 964:7–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anisimov:1995:LFF

[327] A. V. Anisimov. Linear Fibonacci forms and parallel algorithms for high dimension arithmetic. *Lecture Notes in Computer Science*, 964:16–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bandman:1995:CNC

[328] O. L. Bandman. Cellular-neural computations. formal model and possible applications. *Lecture Notes in Computer Science*, 964:21–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bianchi:1995:EVT

[329] A. Bianchi, S. Coluccini, P. Degano, and C. Priami. An efficient verifier of truly concurrent properties. *Lecture Notes in Computer Science*, 964:36–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gasperoni:1995:OLS

[330] F. Gasperoni, U. Schwiegelshohn, and J. Turek. Optimal loop scheduling on multiprocessors: A pumping lemma for p-processor schedules. *Lecture Notes in Computer Science*, 964:51–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hartmann:1995:PDP

[331] P. Hartmann. Parallel and distributed processing of cellular hypergraphs. *Lecture Notes in Computer Science*, 964: 57–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Markova:1995:CMC

[332] V. Markova and S. Piskunov. Computer models of 3D cellular structures. *Lecture Notes in Computer Science*, 964:70–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nepomniaschaya:1995:CTM

[333] A. S. Nepomniaschaya. Comparison of two MST algorithms for associative parallel processors. *Lecture Notes in Computer Science*, 964:85–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nepomniaschy:1995:PNM

[334] V. A. Nepomniaschy, G. I. Alekseev, A. V. Bystrov, and T. G. Churina. Petri net modelling of Estelle-specified communication protocols. *Lecture Notes in Computer Science*, 964:94–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schnor:1995:DSP

[335] B. Schnor. Dynamic scheduling of parallel applications. *Lecture Notes in Computer Science*, 964:109–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vesselovski:1995:MAC

[336] G. Vesselovski and M. Kupriyanova. A method for analyzing combinatorial properties of static connecting topologies. *Lecture Notes in Computer Science*, 964:117–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adamovich:1995:CIL

[337] A. I. Adamovich. cT: An imperative language with parallelizing features supporting the computation model "autotransformation of the evaluation network". *Lecture Notes in Computer Science*, 964:127–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benkner:1995:VFA

[338] S. Benkner. Vienna Fortran 90 — an advanced data parallel language. *Lecture Notes in Computer Science*, 964: 142–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Doroshenko:1995:PAS

[339] A. E. Doroshenko. Programming abstracts for synchronization and communication in parallel programs. *Lecture Notes in Computer Science*, 964:157–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Evstigneev:1995:PMSa

[340] V. A. Evstigneev and V. N. Kasyanov. A program manipulation system for fine-grained architectures. *Lecture Notes in Computer Science*, 964:163–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hochberger:1995:CCD

[341] C. Hochberger, R. Hoffmann, and S. Waldschmidt. Compilation of CDL for different target architectures. *Lecture Notes in Computer Science*, 964: 169–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hondroudakis:1995:PEV

[342] A. Hondroudakis, R. Procter, and K. Shanmugam. Performance evaluation and visualization with VISPAT. *Lecture Notes in Computer Science*, 964:180–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huesler:1995:DPI

[343] R. Huesler, H. Vonder Muehll, A. Gunzinger, and G. Troester. Dataparallel programming with intelligent communication. *Lecture Notes in Computer Science*, 964:186–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hurson:1995:OSE

[344] A. R. Hurson and B.-U. Jun. Optimization scheme on execution of logic program in a dataflow environment. *Lecture Notes in Computer Science*, 964: 204–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Borshchev:1995:CTD

[345] A. V. Borshchev, Y. G. Karpov, and V. V. Roudakov. COVERS — A tool for the design of real-time concurrent systems. *Lecture Notes in Computer Science*, 964:219–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klar:1995:SPZ

[346] R. Klar and P. Dauphin. Status and prospect of ZM4/SIMPLE/PEPP: an event-oriented evaluation environment for parallel and distributed programs. *Lecture Notes in Computer Science*, 964:234–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klimova:1995:SDD

[347] O. V. Klimova. The separating decomposition of discrete Fourier transform and vectorization of its calculation. *Lecture Notes in Computer Science*, 964:241–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ludwig:1995:PPF

[348] T. Ludwig and S. Lamberts. PFSLib — A parallel file system for workstation clusters. *Lecture Notes in Computer Science*, 964:246–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Saad:1995:DSC

[349] Y. Saad and A. V. Malevsky. Data structures, computational, and communication kernels for distributed memory sparse iterative solvers. *Lecture Notes in Computer Science*, 964: 252–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oezerdim:1995:PMF

[350] A. Oezerdim, M. O. Uenalir, O. Dikenelli, and E. Ozkarahan. PARMA: A multiattribute file structure for parallel database machines. *Lecture Notes in Computer Science*, 964:258–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pic:1995:OOL

[351] M. M. Pic, H. Essafi, M. Viala, and L. Nicolas. T++: An object-oriented language to express task and data parallelism on Multi-SIMD computers. *Lecture Notes in Computer Science*, 964:273–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vlassov:1995:MEP

[352] V. Vlassov, H. Ahmed, and L.-E. Thorelli. mEDA-2: An extension of PVM. *Lecture Notes in Computer Science*, 964:288–293, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vazhenin:1995:PIS

[353] A. Vazhenin and V. Morozov. Parallel iterative solution of systems of linear equations with dynamically changed length of operands. *Lecture Notes in Computer Science*, 964:294–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Royak:1995:PCC

[354] M. Royak, E. Shurina, Y. Soloveichik, and V. Malyshkin. Parallelization of computer code MASTAC three-dimensional finite elements method implementing. *Lecture Notes in Computer Science*, 964:304–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barriga:1995:NTS

[355] L. Barriga and R. Ayani. New trends in simulation of distributed shared memory architectures. *Lecture Notes in Computer Science*, 964:314–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Etiemble:1995:SMV

[356] D. Etiemble and C. Germain. Standard microprocessors versus custom processing elements for massively parallel architectures. *Lecture Notes in Computer Science*, 964:320–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goossens:1995:FPM

[357] B. Goossens and D. T. Vu. Further pipelining and multithreading to improve RISC processor speed. A proposed architecture and simulation results. *Lecture Notes in Computer Science*, 964:326–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zabrodin:1995:MPC

[358] A. V. Zabrodin, V. K. Levin, and V. V. Korneev. The massively parallel computer system MBC-100. *Lecture Notes in Computer Science*, 964: 341–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Srini:1995:DSM

[359] V. P. Srini. DFS-Super MPx: Low-cost parallel processing system for machine vision and image processing. *Lecture Notes in Computer Science*, 964:356–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bussler:1995:AID

[360] C. Bussler, S. Jablonski, T. Kirsche, and H. Schuster. Architectural issues of distributed workflow management systems. *Lecture Notes in Computer Science*, 964:370–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bessonov:1995:PSN

[361] O. Bessonov, V. Brailovskaya, V. Polezhaev, and B. Roux. Parallelization of the solution of 3D Navier–Stokes equations for fluid flow in a cavity with moving covers. *Lecture Notes in Computer Science*, 964:385–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ciancarini:1995:DSK

[362] P. Ciancarini and P. Mancini. Distributing search and knowledge using a coordination language. *Lecture Notes in Computer Science*, 964:400–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caudal:1995:DEM

[363] F. Caudal and B. Lecussan. Design and evaluation of a multi-threaded architecture for parallel graph reduction. *Lecture Notes in Computer Science*, 964:411–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mamedova:1995:IMM

[364] I. G. Mamedova. Implementation of the multigrid method for solving the boundary-value problems for the Poisson and Helmholtz equations on the massively parallel computers. *Lecture Notes in Computer Science*, 964:427–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kremlev:1995:PSD

[365] A. Kremlev, O. Monakhov, and T. Thiel. Parallel seismic data processing method for MEMSY multiprocessor system. *Lecture Notes in Computer Science*, 964:434–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ozkarahan:1995:HSP

[366] E. Ozkarahan. Hardware and software platform for information processing. *Lecture Notes in Computer Science*, 964:439–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kessy:1995:NSR

[367] E. Kessy, A. Stoukov, and D. Vandromme. Numerical simulation of reacting mixing layer with a parallel implementation. *Lecture Notes in Computer Science*, 964:453–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fet:1995:PCR

[368] Y. I. Fet and D. A. Pospelov. Parallel computing in russia. *Lecture Notes in Computer Science*, 964:464–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haendler:1995:EAP

[369] W. Haendler. Early approaches to parallel processing: Increasing performance and dependability. *Lecture Notes in Computer Science*, 964:477–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baeten:1995:DTP

[370] J. C. M. Baeten and J. A. Bergstra. Discrete time process algebra with abstraction. *Lecture Notes in Computer Science*, 965:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaochen:1995:DCI

[371] Z. Chaochen, D. V. Hung, and L. Xiaoshan. A duration calculus with infinite intervals. *Lecture Notes in Computer Science*, 965:16–??, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fisher:1995:DBO

[372] K. Fisher and J. C. Mitchell. A delegation-based object calculus with subtyping. *Lecture Notes in Computer Science*, 965:42–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsen:1995:MCR

[373] K. G. Larsen, P. Pettersson, and W. Yi. Model-checking for real-time systems. *Lecture Notes in Computer Science*, 965:62–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mayr:1995:PIT

[374] E. W. Mayr. On polynomial ideals, their complexity, and applications. *Lecture Notes in Computer Science*, 965:89–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amadio:1995:CCC

[375] R. M. Amadio, L. Leth, and B. Thomsen. From a concurrent λ-calculus to the π-calculus. *Lecture Notes in Computer Science*, 965:106–115, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Antimirov:1995:RRI

[376] V. Antimirov. Rewriting regular inequalities. *Lecture Notes in Computer Science*, 965:116–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barthe:1995:SAS

[377] G. Barthe. A simple abstract semantics for equational theories. *Lecture Notes in Computer Science*, 965:126–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bergstra:1995:PME

[378] J. A. Bergstra and G. Stefanescu. Processes with multiple entries and exits. *Lecture Notes in Computer Science*, 965:136–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertol:1995:ERC

[379] M. Bertol. Efficient rewriting in cograph trace monoids. *Lecture Notes in Computer Science*, 965:146–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Calude:1995:ECM

[380] C. Calude and M. Zimand. Effective category and measure in abstract complexity theory. *Lecture Notes in Computer Science*, 965:156–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaboud:1995:APC

[381] T. Chaboud. About planar Cayley graphs. *Lecture Notes in Computer Science*, 965:171–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chepoi:1995:CMP

[382] V. D. Chepoi and F. F. Dragan. On Condorcet and median points of simple rectilinear polygons. *Lecture Notes in*

Computer Science, 965:181–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Djidjev:1995:FAM

[383] H. N. Djidjev, G. E. Pantziou, and C. D. Zaroliagis. Fast algorithms for maintaining shortest paths in outerplanar and planar digraphs. *Lecture Notes in Computer Science*, 965:191–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dragan:1995:DPH

[384] F. F. Dragan and F. Nicolai. r-domination problems on homogeneously orderable graphs. *Lecture Notes in Computer Science*, 965:201–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Durand:1995:GPC

[385] B. Durand and J. Mazoyer. Growing patterns in 1D cellular automata. *Lecture Notes in Computer Science*, 965: 211–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Esparza:1995:PNC

[386] J. Esparza. Petri nets, commutative context-free grammars, and basic parallel processes. *Lecture Notes in Computer Science*, 965:221–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fassbender:1995:IUA

[387] H. Fassbender. Implementation of a UU-Algorithm for primitive recursive tree functions. *Lecture Notes in Computer Science*, 965:233–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferreira:1995:DEM

[388] M. C. F. Ferreira and H. Zantema. Dummy elimination: Making termination easier. *Lecture Notes in Computer Science*, 965:243–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gronewold:1995:CPN

[389] A. Gronewold and H. Fleischhack. Computing Petri net languages by reductions. *Lecture Notes in Computer Science*, 965:253–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeHaas:1995:CG

[390] E. De Haas. Categorial graphs. *Lecture Notes in Computer Science*, 965: 263–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hromkovic:1995:ESA

[391] J. Hromkovic, R. Klasing, D. Pardubska, and W. Unger. Effective systolic algorithms for gossiping in cycles and two-dimensional grids. *Lecture Notes in Computer Science*, 965:273–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jancar:1995:RA

[392] P. Jancar, F. Mraz, M. Platek, and J. Vogel. Restarting automata. *Lecture Notes in Computer Science*, 965: 283–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kessler:1995:OCE

[393] C. W. Kessler and T. Rauber. Optimal contiguous expression DAG evaluations. *Lecture Notes in Computer Science*, 965:293–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klaudel:1995:CUP

[394] H. Klaudel and E. Pelz. Communication as unification in the Petri box calculus. *Lecture Notes in Computer Science*, 965:303–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kudlek:1995:DCC

[395] M. Kudlek and A. Mateescu. Distributed catenation and Chomsky hierarchy. *Lecture Notes in Computer Science*, 965:313–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kummer:1995:PFC

[396] M. Kummer and F. Stephan. The power of frequency computation. *Lecture Notes in Computer Science*, 965: 323–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Le:1995:RIC

[397] N.-M. Le. Randomized incremental construction of simple abstract Voronoi diagrams in 3-Space. *Lecture Notes in Computer Science*, 965:333–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Macarie:1995:PPP

[398] I. I. Macarie and M. Ogihara. Properties of probabilistic pushdown automata. *Lecture Notes in Computer Science*, 965:343–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Makanin:1995:FPE

[399] G. S. Makanin, H. Abdulrab, and M. N. Maksimenko. Formal parametric equations. *Lecture Notes in Computer Science*, 965:353–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Niedermeier:1995:PTR

[400] R. Niedermeier and P. Rossmanith. PRAM's towards realistic parallelism: BRAM's. *Lecture Notes in Computer Science*, 965:363–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Petersen:1995:SRC

[401] H. Petersen. Some results concerning two-dimensional Turing machines and finite automata. *Lecture Notes in Computer Science*, 965:374–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pighizzini:1995:HHC

[402] G. Pighizzini. How hard is to compute the edit distance. *Lecture Notes in Computer Science*, 965:383–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reinhardt:1995:SST

[403] K. Reinhardt. On the synchronization of semi-traces. *Lecture Notes in*

Computer Science, 965:393–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Remila:1995:TBS

[404] E. Remila. Tiling with bars and satisfaction of Boolean formulas. *Lecture Notes in Computer Science*, 965:404–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schewe:1995:FSD

[405] K.-D. Schewe. Functional sorts in data type specifications; A geometric approach to semantics. *Lecture Notes in Computer Science*, 965:424–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papadopoulos:1995:MPT

[406] G. Papadopoulos. Mainstream parallelism: Taking sides on the SMP/ MPP/ cluster debate. *Lecture Notes in Computer Science*, 966:3–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smolka:1995:OPMa

[407] G. Smolka. The Oz programming model. *Lecture Notes in Computer Science*, 966:5–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Engquist:1995:PCA

[408] B. Engquist. Parallelism in computational algorithms and the physical world. *Lecture Notes in Computer Science*, 966:9–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caspi:1995:EDR

[409] P. Caspi and A. Girault. Execution of distributed reactive systems. *Lecture Notes in Computer Science*, 966:15–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hermenegildo:1995:RDP

[410] M. V. Hermenegildo and M. Carro. Relating data-parallelism and (and-) parallelism in logic programs. *Lecture Notes in Computer Science*, 966:27–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pontelli:1995:DBP

[411] E. Pontelli and G. Gupta. On the duality between or-parallelism and and-parallelism in logic programming. *Lecture Notes in Computer Science*, 966:43–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Darlington:1995:FSP

[412] J. Darlington, Y.-K. Guo, Hing Wing To, and J. Yang. Functional skeletons for parallel coordination. *Lecture Notes in Computer Science*, 966:55–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Unrau:1995:SDD

[413] R. C. Unrau, M. Stumm, and O. Krieger. On the scalability of demand-driven parallel systems. *Lecture Notes in Computer Science*, 966:69–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McKee:1995:BMB

[414] S. A. McKee, W. A. Wulf, and T. C. Landon. Bounds on memory bandwidth in streamed computations. *Lecture Notes in Computer Science*, 966: 83–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chiou:1995:SND

[415] D. Chiou, B. S. Ang, R. Greiner, and Arvind. StarT-NG: Delivering seamless parallel computing. *Lecture Notes in Computer Science*, 966:101–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maquelin:1995:CBM

[416] O. C. Maquelin, H. H. J. Hum, and G. R. Gao. Costs and benefits of multithreading with off-the-shelf RISC processors. *Lecture Notes in Computer Science*, 966:117–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Genaud:1995:TTP

[417] S. Genaud, E. Violard, and G.-R. Perrin. Transformation techniques in pei. *Lecture Notes in Computer Science*, 966:131–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouge:1995:CPS

[418] L. Bouge and D. Cachera. On the completeness of a proof system for a simple data-parallel programming language. *Lecture Notes in Computer Science*, 966:143–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clemencon:1995:IRD

[419] C. Clemencon, J. Fritscher, M. J. Meehan, and R. Ruehl. An implementation of race detection and deterministic replay with MPI. *Lecture Notes in Computer Science*, 966:155–166, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fagot:1995:FEV

[420] A. Fagot and J. Chassin de Kergommeaux. Formal and experimental validation of a low overhead execution replay mechanism. *Lecture Notes in Computer Science*, 966:167–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roemke:1995:EEG

[421] T. Roemke, M. Roettger, U.-P. Schroeder, and J. Simon. On efficient embeddings of grids into grids in PARIX. *Lecture Notes in Computer Science*, 966:181–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Achilles:1995:OEM

[422] A.-C. Achilles. Optimal emulation of meshes on meshes of trees. *Lecture Notes in Computer Science*, 966:193–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Das:1995:OEH

[423] S. K. Das and A. Mao. Optimal embeddings in the Hamming cube networks. *Lecture Notes in Computer Science*, 966:205–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1995:HAR

[424] Z. Liu. Hierarchical adaptive routing under hybrid traffic load. *Lecture Notes in Computer Science*, 966:217–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bhatt:1995:TBP

[425] S. N. Bhatt, G. Bilardi, K. T. Herley, and G. Pucci. Tight bounds on parallel list marking. *Lecture Notes in Computer Science*, 966:231–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Loewe:1995:OPP

[426] W. Loewe. Optimization of PRAM-Programs with input-dependent memory access. *Lecture Notes in Computer Science*, 966:243–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1995:OCA

[427] L. Chen. Optimal circular arc representations. *Lecture Notes in Computer Science*, 966:255–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nowatzyk:1995:EPC

[428] A. Nowatzyk, G. Aybay, M. Browne, and E. Kelly. Exploiting parallelism in cache coherency protocol engines. *Lecture Notes in Computer Science*, 966: 269–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pong:1995:VDD

[429] F. Pong, A. Nowatzyk, G. Aybay, and M. Dubois. Verifying distributed directory-based cache coherence protocols: S3.mp, a case study. *Lecture Notes in Computer Science*, 966:287–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hwang:1995:ESD

[430] S.-J. Hwang and M.-S. Park. Efficient software data prefetching for a loop with large arrays. *Lecture Notes in Computer Science*, 966:301–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Griebl:1995:GSC

[431] M. Griebl and J.-F. Collard. Generation of synchronous code for automatic parallelization of while loops. *Lecture Notes in Computer Science*, 966:315–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kulkarni:1995:IFC

[432] D. Kulkarni, M. Stumm, and R. C. Unrau. Implementing flexible computation rules with subexpression-level loop transformations. *Lecture Notes in Computer Science*, 966:327–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

LeFur:1995:APA

[433] M. Le Fur, J.-L. Pazat, and F. Andre. An array partitioning analysis for parallel loop distribution. *Lecture Notes in Computer Science*, 966:351–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Erzmann:1995:MEP

[434] A. Erzmann, M. Hadeler, and C. Mueller-Schloer. A model for efficient programming of dynamic applications on distributed memory multiprocessors. *Lecture Notes in Computer Science*, 966:367–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouvry:1995:ESM

[435] P. Bouvry, J. Chassin de Kergommeaux, and D. Trystram. Efficient solutions for mapping parallel programs. *Lecture Notes in Computer Science*, 966:379–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rauber:1995:ODD

[436] T. Rauber and G. Ruenger. Optimal data distributions for LU decomposition. *Lecture Notes in Computer Science*, 966:391–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Minas:1995:DQG

[437] M. Minas. Detecting quantified global predicates in parallel programs. *Lecture Notes in Computer Science*, 966: 403–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1995:UKB

[438] C.-T. Yang, S.-S. Tseng, C.-D. Chuang, and W.-C. Shih. Using knowledge-based techniques for parallelization on parallelizing compilers. *Lecture Notes in Computer Science*, 966:417–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Germain:1995:AVC

[439] C. Germain and F. Delaplace. Automatic vectorization of communications for data-parallel programs. *Lecture Notes in Computer Science*, 966: 429–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pouzet:1995:PCR

[440] M. Pouzet. The program compaction revisited: the functional framework. *Lecture Notes in Computer Science*, 966:441–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sloman:1995:FTA

[441] B. Sloman and T. Lake. Featherweight threads and ANDF compilation of concurrency. *Lecture Notes in Computer Science*, 966:457–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Romein:1995:PBS

[442] J. W. Romein and H. E. Bal. Parallel N-body simulation on a large-scale homogeneous distributed system. *Lecture Notes in Computer Science*, 966: 473–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rahm:1995:APS

[443] E. Rahm and T. Stoehr. Analysis of parallel scan processing in shared disk database systems. *Lecture Notes in Computer Science*, 966:485–??, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nolan:1995:PTS

[444] A. R. Nolan and B. Everding. Polynomial time scheduling of low level computer vision algorithms on networks of heterogeneous machines. *Lecture Notes in Computer Science*, 966:501–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Girau:1995:MNN

[445] B. Girau. Mapping neural network back-propagation onto parallel computers with computation/ communication overlapping. *Lecture Notes in Computer Science*, 966:513–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larson:1995:SMP

[446] J. S. Larson, B. C. Massey, and E. Tick. Super Monaco: Its portable and efficient parallel runtime system. *Lecture Notes in Computer Science*, 966:527–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rokusawa:1995:QDD

[447] K. Rokusawa, A. Nakase, and T. Chikayama. Quiescence detection in a distributed KLIC implementation. *Lecture Notes in Computer Science*, 966:539–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lindgren:1995:COR

[448] T. Lindgren, J. Bevemyr, and H. Millroth. Compiler optimizations in reform Prolog: Experiments on the KSR-1 multiprocessor. *Lecture Notes in Computer Science*, 966:553–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jaseemuddin:1995:BRA

[449] M. Jaseemuddin and Z. G. Vranesic. Bidirectional ring: An alternative to the hierarchy of unidirectional rings. *Lecture Notes in Computer Science*, 966:567–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Singhvi:1995:FSM

[450] N. K. Singhvi and K. Ghose. A formal study of the mcube interconnection network. *Lecture Notes in Computer Science*, 966:579–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shionoya:1995:MIN

[451] S. Shionoya, T. Aoki, and T. Higuchi. Multiwave interconnection networks for MCM-Based parallel processing. *Lecture Notes in Computer Science*, 966:593–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sahni:1995:SMS

[452] S. Sahni. Scheduling master-slave multiprocessor systems. *Lecture Notes in Computer Science*, 966:611–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hori:1995:TSS

[453] A. Hori, Y. Ishikawa, J. Nolte, and H. Konaka. Time space sharing scheduling: A simulation analysis. *Lecture Notes in Computer Science*, 966: 623–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rost:1995:ASM

[454] J. Rost, F.-J. Markus, and L. Yan-Hua. "agency scheduling" — A model for dynamic task scheduling. *Lecture Notes in Computer Science*, 966:635–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Johannesson:1995:FLS

[455] M. Johannesson. FFTs on a linear SIMD array. *Lecture Notes in Computer Science*, 966:649–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sheu:1995:TFF

[456] J.-P. Sheu and Y.-S. Chen. Tolerating faults in faulty hypercubes using maximal fault-free subcube-ring. *Lecture Notes in Computer Science*, 966: 661–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chalasani:1995:CMN

[457] S. Chalasani and R. V. Boppana. Communication in multicomputers with nonconvex faults. *Lecture Notes in Computer Science*, 966:673–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Doroshenko:1995:PPA

[458] A. E. Doroshenko and A. B. Godlevsky. Parallelising programs with algebraic programming tools. *Lecture Notes in Computer Science*, 966:687–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Molnar:1995:PPU

[459] K. Molnar. Parallel Prolog with uncertainty handling. *Lecture Notes in Computer Science*, 966:691–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Friedl:1995:SPC

[460] G. Friedl, M. Platzner, and B. Rinner. A special-purpose coprocessor for qualitative simulation. *Lecture Notes in Computer Science*, 966:695–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barnes:1995:PST

[461] C. Barnes and C. Wadsworth. Portable software tools for parallel architectures. *Lecture Notes in Computer Science*, 966:699–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Siegelin:1995:BPW

[462] C. Siegelin, U. Finger, and C. O'Donnell. Boosting the performance of workstations through WARPmemory. *Lecture Notes in Computer Science*, 966:703–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laurentowski:1995:MSS

[463] A. Laurentowski, J. Szymaszek, A. Uszok, and K. Zielinski. A monitoring system for software-heterogeneous distributed environments. *Lecture Notes in Computer Science*, 966:707–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hains:1995:MDP

[464] G. Hains and J. Mullins. A metacircular data-parallel functional language. *Lecture Notes in Computer Science*, 966:711–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Silc:1995:ERT

[465] J. Silc and B. Robic. Efficient run-time program allocation on a parallel coprocessor. *Lecture Notes in Computer Science*, 966:715–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Evstigneev:1995:PMSb

[466] V. A. Evstigneev and V. N. Kasyanov. A program manipulation system for fine-grained architectures. *Lecture Notes in Computer Science*, 966:719–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moravie:1995:RTI

[467] P. Moravie, H. Essafi, C. Lambert-Nebout, and J.-L. Basille. Real-time image compression using data-parallelism. *Lecture Notes in Computer Science*, 966:723–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smai:1995:CCW

[468] A.-H. Smai. Congestion control in wormhole networks: First results. *Lecture Notes in Computer Science*, 966: 727–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parnas:1995:LFM

[469] D. L. Parnas. Language-free mathematical methods for software design. *Lecture Notes in Computer Science*, 967:3–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ciaccia:1995:FAS

[470] P. Ciaccia, P. Ciancarini, and W. Penzo. A formal approach to software design: The clepsydra methodology. *Lecture Notes in Computer Science*, 967:5–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Edmond:1995:RDS

[471] D. Edmond. Refining database systems. *Lecture Notes in Computer Science*, 967:25–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luck:1995:SZS

[472] M. Luck and M. D'Inverno. Structuring a Z specification to provide a formal framework for autonomous agent systems. *Lecture Notes in Computer Science*, 967:47–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeLimaMachado:1995:UFS

[473] P. D. De Lima Machado and S. L. Meira. On the use of formal specifications in the design and simulation of artificial neural networks. *Lecture Notes in Computer Science*, 967:63–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DInverno:1995:SSZ

[474] M. D'Inverno and M. Priestley. Structuring specification in Z to build a unifying framework for hypertext systems. *Lecture Notes in Computer Science*, 967:83–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rushby:1995:MFM

[475] J. Rushby. Mechanizing formal methods: Opportunities and challenges. *Lecture Notes in Computer Science*, 967:105–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hughes:1995:APV

[476] A. P. Hughes and A. A. Donnelly. An algebraic proof in VDM. *Lecture Notes in Computer Science*, 967:114–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stepney:1995:TA

[477] S. Stepney. Testing as abstraction. *Lecture Notes in Computer Science*, 967: 137–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoercher:1995:IST

[478] H.-M. Hoercher. Improving software tests using Z specifications. *Lecture Notes in Computer Science*, 967:152–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mikk:1995:CZS

[479] E. Mikk. Compilation of Z specifications into C for automatic test result evaluation. *Lecture Notes in Computer Science*, 967:167–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Valentine:1995:ERS

[480] S. H. Valentine. Equal rights for schemas in Z. *Lecture Notes in Computer Science*, 967:183–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MacDonald:1995:SZS

[481] A. MacDonald and D. Carrington. Structuring Z specifications: Some choices. *Lecture Notes in Computer Science*, 967:203–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

German:1995:EZI

[482] D. M. German and D. D. Cowan. Experiments with the Z interchange format and SGML. *Lecture Notes in Computer Science*, 967:224–236 (or 224–233??), 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hall:1995:FFM

[483] J. A. Hall, D. L. Parnas, N. Plat, and J. Rushby. The future of formal methods in industry. *Lecture Notes in Computer Science*, 967:237–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liskov:1995:STU

[484] B. Liskov and J. M. Wing. Specifications and their use in defining subtypes. *Lecture Notes in Computer Science*, 967:245–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Strulo:1995:HFC

[485] B. Strulo. How firing conditions help inheritance. *Lecture Notes in Computer Science*, 967:264–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1995:EWO

[486] G. Smith. Extending W for object-Z. *Lecture Notes in Computer Science*, 967:276–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bancroft:1995:FSL

[487] P. Bancroft and I. Hayes. A formal semantics for a language with type extension. *Lecture Notes in Computer Science*, 967:299–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jacky:1995:ZCG

[488] J. Jacky and J. Unger. From Z to code: A graphical user interface for a radiation therapy machine. *Lecture Notes in Computer Science*, 967:315–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bernard:1995:FPC

[489] P. Bernard and G. Laffitte. The French population census for 1990. *Lecture Notes in Computer Science*, 967:334–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kraan:1995:IZI

[490] I. Kraan and P. Baumann. Implementing Z in isabelle. *Lecture Notes in Computer Science*, 967:355–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goodman:1995:ZHT

[491] H. S. Goodman. The Z-into-Haskell tool-kit: An illustrative case study. *Lecture Notes in Computer Science*, 967:374–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

West:1995:TSG

[492] M. M. West. Types and sets in goedel and Z. *Lecture Notes in Computer Science*, 967:389–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reilly:1995:ESM

[493] C. Reilly. Exploring specifications with Mathematica. *Lecture Notes in Computer Science*, 967:408–422, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bryant:1995:UZR

[494] T. Bryant, A. Evans, L. Semmens, and R. Milovanovic. Using Z to rigorously review a specification of a network management system. *Lecture Notes in Computer Science*, 967:423–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

France:1995:TDV

[495] R. B. France and M. M. Larrondo-Petrie. A two-dimensional view of integrated formal and informal specification techniques. *Lecture Notes in Computer Science*, 967:434–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bowman:1995:VO

[496] H. Bowman, J. Derrick, and M. Steen. Viewpoints and objects. *Lecture Notes in Computer Science*, 967:449–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parnas:1995:TPE

[497] D. L. Parnas. Teaching programming as engineering. *Lecture Notes in Computer Science*, 967:471–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ciaccia:1995:CFM

[498] P. Ciaccia and P. Ciancarini. A course on formal methods in software engineering: Matching requirements with design. *Lecture Notes in Computer Science*, 967:482–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wing:1995:HWS

[499] J. M. Wing. Hints for writing specifications. *Lecture Notes in Computer Science*, 967:497–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dean:1995:MMZ

[500] N. Dean. Mental models of Z: I — sets and logic. *Lecture Notes in Computer Science*, 967:498–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gries:1995:ELG

[501] D. Gries. Equational logic: A great pedagogical tool for teaching a skill in logic. *Lecture Notes in Computer Science*, 967:508–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mikusiak:1995:ZBT

[502] L. Mikusiak, V. Vojtek, J. Hasarale-jko, and J. Hanzelova. Z browser — A tool for visualization of Z specifications. *Lecture Notes in Computer Science*, 967:510–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bachmair:1995:ACS

[503] L. Bachmair and H. Ganzinger. Associative-commutative superposition. *Lecture Notes in Computer Science*, 968:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Basin:1995:CR

[504] D. A. Basin and T. Walsh. A calculus for rippling. *Lecture Notes in*

Computer Science, 968:15–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Balbiani:1995:ESG

[505] P. Balbiani. Equation solving in geometrical theories. *Lecture Notes in Computer Science*, 968:31–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bockmayr:1995:LND

[506] A. Bockmayr and A. Werner. LSE narrowing for decreasing conditional term rewrite systems. *Lecture Notes in Computer Science*, 968:51–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buendgen:1995:PCR

[507] R. Buendgen. Preserving confluence for rewrite systems with built-in operations. *Lecture Notes in Computer Science*, 968:71–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dershowitz:1995:HT

[508] N. Dershowitz. Hierarchical termination. *Lecture Notes in Computer Science*, 968:89–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferreira:1995:WFT

[509] M. C. F. Ferreira and H. Zantema. Well-foundedness of term orderings. *Lecture Notes in Computer Science*, 968:106–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gelis:1995:NCA

[510] J.-M. Gelis. A new characterisation of AC-Termination and application. *Lecture Notes in Computer Science*, 968:124–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glauert:1995:RNO

[511] J. Glauert and Z. Khasidashvili. Relative normalization in orthogonal expression reduction systems. *Lecture Notes in Computer Science*, 968:144–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gramlich:1995:TCC

[512] B. Gramlich. On termination and confluence of conditional rewrite systems. *Lecture Notes in Computer Science*, 968:166–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hintermeier:1995:HTC

[513] C. Hintermeier. How to transform canonical decreasing HCTRs into equivalent canonical TRSs. *Lecture Notes in Computer Science*, 968:186–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoot:1995:TRD

[514] C. Hoot. Termination for restricted derivations and conditional rewrite systems. *Lecture Notes in Computer Science*, 968:206–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Inverardi:1995:RPR

[515] P. Inverardi. Rewriting for preorder relations. *Lecture Notes in Computer Science*, 968:223–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jouannaud:1995:SSL

[516] J.-P. Jouannaud and W. Sadfi. Strong sequentiality of left-linear overlapping rewrite systems. *Lecture Notes in Computer Science*, 968:235–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kennaway:1995:CBC

[517] R. Kennaway. A conflict between call-by-need computation and parallelism. *Lecture Notes in Computer Science*, 968:247–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kucherov:1995:CTG

[518] G. Kucherov and M. Rusinowitch. The complexity of testing ground reducibility for linear word rewriting systems with variables. *Lecture Notes in Computer Science*, 968:262–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mori:1995:CCC

[519] A. Mori and Y. Matsumoto. Coherence for Cartesian closed categories: A sequential approach. *Lecture Notes in Computer Science*, 968:276–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohlebusch:1995:MPC

[520] E. Ohlebusch. Modular properties of constructor-sharing conditional term rewriting systems. *Lecture Notes in Computer Science*, 968:296–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Toyama:1995:CRP

[521] Y. Toyama and M. Oyamaguchi. Church–Rosser property and unique normal form property of non-duplicating term rewriting systems. *Lecture Notes in Computer Science*, 968:316–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Verheul:1995:TTR

[522] J. C. Verheul and P. G. Kluit. The transformation of term rewriting systems based on well-formedness preserving mappings. *Lecture Notes in Computer Science*, 968:332–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wirth:1995:ANI

[523] C.-P. Wirth and K. Becker. Abstract notions and inference systems for proofs by mathematical induction. *Lecture Notes in Computer Science*, 968: 353–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adler:1995:SPC

[524] M. Adler, J. W. Byers, and R. M. Karp. Scheduling parallel communication: The h-relation problem. *Lecture Notes in Computer Science*, 969:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arnborg:1995:DSB

[525] S. Arnborg. Decomposable structures, Boolean function representations, and optimization. *Lecture Notes in Computer Science*, 969:21–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Flammini:1995:CIR

[526] M. Flammini, J. Van Leeuwen, and A. Marchetti-Spaccamela. The complexity of interval routing on random graphs. *Lecture Notes in Computer Science*, 969:37–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geffert:1995:BAL

[527] V. Geffert. Bridging across the log(n) space frontier. *Lecture Notes in Computer Science*, 969:50–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gottlob:1995:SOL

[528] G. Gottlob, N. Leone, and H. Veith. Second order logic and the weak exponential hierarchies. *Lecture Notes in Computer Science*, 969:66–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hartmanis:1995:CPC

[529] J. Hartmanis. On the computing paradigm and computational complexity. *Lecture Notes in Computer Science*, 969:82–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lehmann:1995:RSN

[530] D. Lehmann. Ranked structures in nonmonotonic reasoning and belief revision. *Lecture Notes in Computer Science*, 969:93–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Perrin:1995:SDF

[531] D. Perrin. Symbolic dynamics and finite automata. *Lecture Notes in Computer Science*, 969:94–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Razborov:1995:LBP

[532] A. A. Razborov. Lower bounds for propositional proofs and independence results in bounded arithmetic. *Lecture Notes in Computer Science*, 969:105–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vitanyi:1995:PNC

[533] P. Vitanyi. Physics and the new computation. *Lecture Notes in Computer Science*, 969:106–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Allender:1995:MPR

[534] E. Allender and M. Strauss. Measure on P: Robustness of the notion. *Lecture Notes in Computer Science*, 969:129–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burtschick:1995:CCC

[535] H.-J. Burtschick. Comparing counting classes for logspace, one-way logspace,

and first-order. *Lecture Notes in Computer Science*, 969:139–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Damm:1995:ATA

[536] C. Damm and M. Holzer. Automata that take advice. *Lecture Notes in Computer Science*, 969:149–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Homer:1995:NLB

[537] S. Homer and S. Mocas. Nonuniform lower bounds for exponential time classes. *Lecture Notes in Computer Science*, 969:159–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaufmann:1995:QNU

[538] S. Kaufmann and M. Kummer. On a quantitative notion of uniformity. *Lecture Notes in Computer Science*, 969: 169–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Merkle:1995:SRO

[539] W. Merkle and Y. Wang. Separations by random oracles and "almost" classes for generalized reducibilities. *Lecture Notes in Computer Science*, 969:179–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beauquier:1995:CFM

[540] D. Beauquier, D. Burago, and A. Slissenko. On the complexity of finite memory policies for Markov decision processes. *Lecture Notes in Computer Science*, 969:191–200, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hofmeister:1995:DSA

[541] T. Hofmeister and H. Lefmann. Derandomization for sparse approximations and independent sets. *Lecture Notes in Computer Science*, 969:201–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Katajainen:1995:AEP

[542] J. Katajainen, T. Pasanen, and G. Titan. Asymptotically efficient in-place merging. *Lecture Notes in Computer Science*, 969:211–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heusch:1995:CFP

[543] P. Heusch. The complexity of the falsifiability problem for pure implicational formulas. *Lecture Notes in Computer Science*, 969:221–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kann:1995:SLB

[544] V. Kann. Strong lower bounds on the approximability of some NPO PB-complete maximization problems. *Lecture Notes in Computer Science*, 969: 227–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lefmann:1995:STP

[545] H. Lefmann and P. Savicky. Some typical properties of large AND/OR Boolean formulas. *Lecture Notes in Computer Science*, 969:237–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huehne:1995:HES

[546] M. Huehne. The hedge: An efficient storage device for Turing machines with one head. *Lecture Notes in Computer Science*, 969:247–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maruyama:1995:GIW

[547] O. Maruyama and S. Miyano. Graph inference from a walk for trees of bounded degree 3 is NP-complete. *Lecture Notes in Computer Science*, 969: 257–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stojmenovic:1995:HN

[548] I. Stojmenovic. Honeycomb networks. *Lecture Notes in Computer Science*, 969:267–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fischer:1995:WIR

[549] S. Fischer, L. Hemaspaandra, and L. Torenvliet. Witness-isomorphic reductions and the local search problem. *Lecture Notes in Computer Science*, 969:277–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertram-Kretzberg:1995:MPM

[550] C. Bertram-Kretzberg and T. Hofmeister. Multiple product modulo arbitrary numbers. *Lecture Notes in Computer Science*, 969:288–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meinel:1995:LBM

[551] C. Meinel and S. Waack. Lower bounds for the majority communication complexity of various graph accessibility problems. *Lecture Notes in Computer Science*, 969:299–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertoni:1995:SOL

[552] A. Bertoni, C. Mereghetti, and G. Pighizzini. Strong optimal lower bounds for Turing machines that accept nonregular languages. *Lecture Notes in Computer Science*, 969:309–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zak:1995:SLB

[553] S. Zak. A superpolynomial lower bound for $(1, +k(n))$-branching programs. *Lecture Notes in Computer Science*, 969:319–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Breveglieri:1995:DPA

[554] L. Breveglieri, A. Cherubini, and S. Crespi-Reghizzi. Deterministic parsing for augmented context-free grammars. *Lecture Notes in Computer Science*, 969:326–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mignosi:1995:PTW

[555] F. Mignosi, A. Restivo, and S. Salemi. A periodicity theorem on words and applications. *Lecture Notes in Computer Science*, 969:337–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hotz:1995:NAA

[556] G. Hotz and G. Pitsch. A new approach to analyse coupled-context-free languages. *Lecture Notes in Computer Science*, 969:349–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hermann:1995:CCS

[557] M. Hermann and P. G. Kolaitis. Computational complexity of simultaneous elementary matching problems. *Lecture Notes in Computer Science*, 969: 359–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rao:1995:GRT

[558] M. R. K. Krishna Rao. Graph reducibility of term rewriting systems. *Lecture Notes in Computer Science*, 969:371–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Urzyczyn:1995:PRT

[559] P. Urzyczyn. Positive recursive type assignment. *Lecture Notes in Computer Science*, 969:382–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kranakis:1995:SRA

[560] E. Kranakis, D. Krizanc, and F. L. Luccio. String recognition on anonymous rings. *Lecture Notes in Computer Science*, 969:392–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roka:1995:FSS

[561] Z. Roka. The firing squad synchronization problem on Cayley graphs. *Lecture Notes in Computer Science*, 969: 402–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sibeyn:1995:SCG

[562] J. F. Sibeyn and M. Kaufmann. Solving cheap graph problems on meshes. *Lecture Notes in Computer Science*, 969: 412–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burkart:1995:EBD

[563] O. Burkart, D. Caucal, and B. Steffen. An elementary bisimulation decision procedure for arbitrary context-free processes. *Lecture Notes in Computer Science*, 969:423–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bauget:1995:CPO

[564] S. Bauget and P. Gastin. On congruences and partial orders. *Lecture Notes in Computer Science*, 969:434–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corradini:1995:PPO

[565] F. Corradini, R. Gorrieri, and M. Roccetti. Performance preorder: Ordering processes with respect to speed. *Lecture Notes in Computer Science*, 969: 444–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferreira:1995:TST

[566] W. Ferreira and M. Hennessy. Towards a semantic theory of CML (extended abstract). *Lecture Notes in Computer Science*, 969:454–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huguet:1995:MCD

[567] S. Huguet and A. Petit. Modular constructions of distributing automata. *Lecture Notes in Computer Science*, 969:467–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sangiorgi:1995:PMB

[568] D. Sangiorgi. On the proof method for bisimulation. *Lecture Notes in Computer Science*, 969:479–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martin:1995:TCP

[569] C. Martin. Towards a calculus of predicate transformers. *Lecture Notes in Computer Science*, 969:489–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abadi:1995:AAC

[570] M. Abadi and S. Merz. An abstract account of composition. *Lecture Notes in Computer Science*, 969:499–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanderGoot:1995:SSP

[571] R. Van der Goot and A. De Bruin. Syntax and semantics of Procol. *Lecture Notes in Computer Science*, 969:509–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Godskesen:1995:SDF

[572] J. C. Godskesen and K. G. Larsen. Synthesizing distinguishing formulae for real time systems. *Lecture Notes in Computer Science*, 969:519–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laroussinie:1995:TAL

[573] F. Laroussinie, K. G. Larsen, and C. Weise. From timed automata to logic — and back. *Lecture Notes in Computer Science*, 969:529–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Makowsky:1995:IMC

[574] J. A. Makowsky and E. V. Ravve. Incremental model checking for decomposable structures. *Lecture Notes in Computer Science*, 969:540–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Janin:1995:AMC

[575] D. Janin and I. Walukiewicz. Automata for the modal μ-calculus and related results. *Lecture Notes in Computer Science*, 969:552–562, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Niebert:1995:CLV

[576] P. Niebert. A v-calculus with local views for systems of sequential agents. *Lecture Notes in Computer Science*, 969:563–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Feinsilver:1995:OCA

[577] P. Feinsilver and R. Schott. An operator calculus approach to the evolution of dynamic data structures. *Lecture Notes in Computer Science*, 969: 574–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanGool:1995:GGS

[578] L. Van Gool, T. Moons, and M. Proesmans. Groups for grouping: A strategy for the exploitation of geometrical constraints. *Lecture Notes in Computer Science*, 970:1–8, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Suesse:1995:ISP

[579] H. Suesse, K. Voss, and I. Rothe. Invariant standard positions of ordered sets of points. *Lecture Notes in Computer Science*, 970:9–16, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bruckstein:1995:SSD

[580] A. M. Bruckstein and D. Shaked. Skew symmetry detection via invariant signatures. *Lecture Notes in Computer Science*, 970:17–24, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pajdla:1995:EMS

[581] T. Pajdla and L. Van Gool. Efficient matching of space curves. *Lecture Notes in Computer Science*, 970:25–32, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dubuc:1995:CSC

[582] B. Dubuc and S. W. Zucker. A complexity space for curve grouping. *Lecture Notes in Computer Science*, 970: 33–40, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Henkel:1995:SSS

[583] R. D. Henkel. Segmentation in scale space. *Lecture Notes in Computer Science*, 970:41–48, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chiavetta:1995:URG

[584] F. Chiavetta and V. Di Gesu. An unsupervised region growing method for 3-D image segmentation. *Lecture Notes in Computer Science*, 970:49–56, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gimelfarb:1995:SIE

[585] G. Gimel'farb and N. Kovalevskaya. Segmentation of images for environmental studies using a simple Markov/Gibbs random field model. *Lecture Notes in Computer Science*, 970:57–64, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daniilidis:1995:OFC

[586] K. Daniilidis and V. Krueger. Optical flow computation in the log-polar plane. *Lecture Notes in Computer Science*, 970:65–72, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ricquebourg:1995:SRF

[587] Y. Ricquebourg and P. Bouthemy. A statistical regularization framework for estimating normal displacements along contours with subpixel accuracy. *Lecture Notes in Computer Science*, 970: 73–81, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daniilidis:1995:CDM

[588] K. Daniilidis. Computation of 3-D-motion parameters using the log-polar transform. *Lecture Notes in Computer Science*, 970:82–89, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stricker:1995:EGF

[589] M. Stricker and A. Leonardis. ExSel++: A general framework to extract parametric models. *Lecture Notes in Computer Science*, 970:90–97, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shen:1995:GDS

[590] X. Shen and D. Hogg. Generic 3-D shape model: Acquisitions and applications. *Lecture Notes in Computer Science*, 970:98–105, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsen:1995:GCO

[591] O. V. Larsen, P. Radeva, and E. Marti. Guidelines for choosing optimal parameters of elasticity for snakes. *Lecture Notes in Computer Science*, 970:106–113, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bray:1995:TST

[592] A. Bray. Tracking surfaces via texture-mapping: A boot-strapping approach. *Lecture Notes in Computer Science*, 970:114–121, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schnoerr:1995:MBI

[593] C. Schnoerr and W. Peckar. Motion-based identification of deformable templates. *Lecture Notes in Computer Science*, 970:122–129, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heap:1995:EPD

[594] T. Heap and D. Hogg. Extending the point distribution model using polar coordinates. *Lecture Notes in Computer Science*, 970:130–137, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lew:1995:IVF

[595] M. S. Lew, A. C. She, and T. S. Huang. Intermediate views for face recognition. *Lecture Notes in Computer Science*, 970:138–145, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Werner:1995:RRW

[596] T. Werner, R. D. Hersch, and V. Hlavac. Rendering real-world objects without 3-D model. *Lecture Notes in Computer Science*, 970:146–153, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cole:1995:MDR

[597] P. A. R. Cole and M. S. Khan. Modelling 3-D rigid solid objects using the view signature II representation scheme. *Lecture Notes in Computer Science*, 970:154–161, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matas:1995:SFS

[598] J. Matas and J. Kittler. Spatial and feature space clustering: Applications in image analysis. *Lecture Notes in Computer Science*, 970:162–173, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1995:ARA

[599] Z. Zhang. An automatic and robust algorithm for determining motion and structure from two perspective images. *Lecture Notes in Computer Science*, 970:174–181, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nguyen:1995:DSR

[600] H. V. Nguyen and M. Hanajik. 3-D scene reconstruction from image sequences. *Lecture Notes in Computer Science*, 970:182–189, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hartley:1995:T

[601] R. I. Hartley and P. Sturm. Triangulation. *Lecture Notes in Computer Science*, 970:190–197, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boyer:1995:DSR

[602] E. Boyer and M. O. Berger. 3-D surface reconstruction using occluding contours. *Lecture Notes in Computer Science*, 970:198–205, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Volden:1995:IRC

[603] E. Volden, G. Giraudon, and M. Berthod. Image redundancy and classification. *Lecture Notes in Computer Science*, 970:206–213, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Starovoitov:1995:TMD

[604] V. V. Starovoitov. Towards a measure of diversity between grey-scale images. *Lecture Notes in Computer Science*, 970:214–221, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chetverikov:1995:POT

[605] D. Chetverikov. Pattern orientation and texture symmetry. *Lecture Notes in Computer Science*, 970:222–229, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weickert:1995:MTE

[606] J. Weickert. Multiscale texture enhancement. *Lecture Notes in Computer Science*, 970:230–237, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duc:1995:STR

[607] B. Duc, P. Schroeter, and J. Biguen. Spatio-temporal robust motion estimation and segmentation. *Lecture Notes*

in Computer Science, 970:238–245, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caplier:1995:NSA

[608] A. Caplier and F. Luthon. A new spatiotemporal approach for image analysis application to motion detection. *Lecture Notes in Computer Science*, 970:246–253, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benayoun:1995:DNR

[609] S. Benayoun and N. Ayache. Dense non-rigid motion estimation in sequences of medical images using differential constraints. *Lecture Notes in Computer Science*, 970:254–261, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Najman:1995:TGC

[610] L. Najman and R. Vaillant. Topological and geometrical corners by watershed. *Lecture Notes in Computer Science*, 970:262–269, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Piegay:1995:CLD

[611] E. Piegay, N. Selmaoui, and C. Leschi. Crest lines detection by valleys spreading. *Lecture Notes in Computer Science*, 970:270–277, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pridmore:1995:DTL

[612] T. P. Pridmore and S. V. Ablameyko. The distance transform for line patterns: Generalisation and development. *Lecture Notes in Computer Science*, 970:278–285, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maravall:1995:MDB

[613] D. Maravall, J. A. Sanandres, and L. Baumela. Mobile detection based on histogram difference. *Lecture Notes in Computer Science*, 970:286–293, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hering:1995:PTS

[614] F. Hering, D. Wierzimok, and B. Jaehne. Particle tracking in space time sequences. *Lecture Notes in Computer Science*, 970:294–301, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sanchiz:1995:PTB

[615] J. M. Sanchiz, F. Pla, J. A. Marchant, and R. Brivot. Plant tracking-based motion analysis in a crop field. *Lecture Notes in Computer Science*, 970:302–309, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zouhal:1995:ARB

[616] L. M. Zouhal and T. Denoeux. An adaptive k-NN rule based on Dempster-Shafer theory. *Lecture Notes in Computer Science*, 970:310–317, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Elder:1995:SDR

[617] J. Elder and S. W. Zucker. Shadows, defocus and reliable estimation. *Lecture Notes in Computer Science*, 970:318–325, 1995. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Kwoh:1995:EIV

[618] C.-K. Kwoh and D. F. Gillies. Estimating the initial values of unobservable variables in visual probabilistic networks. *Lecture Notes in Computer Science*, 970:326–333, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wilson:1995:RMA

[619] R. C. Wilson and E. R. Hancock. Relational matching with active graphs. *Lecture Notes in Computer Science*, 970:334–341, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Melichar:1995:ASM

[620] B. Melichar. Approximate string matching by finite automata. *Lecture Notes in Computer Science*, 970:342–349, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Finch:1995:MDT

[621] A. M. Finch, R. C. Wilson, and E. R. Hancock. Matching Delaunay triangulations by probabilistic relaxation. *Lecture Notes in Computer Science*, 970:350–358, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pinz:1995:AMI

[622] A. Pinz, M. Prantl, and H. Ganster. Affine matching of intermediate symbolic representations. *Lecture Notes in Computer Science*, 970:359–367, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ross:1995:ACS

[623] T. Ross, H. Handels, J. Kreusch, and H. Busche. Automatic classification of skin tumours with high resolution surface profiles. *Lecture Notes in Computer Science*, 970:368–375, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Strauss:1995:DMH

[624] E. Strauss and P. Burger. 4 dimensional modelling of the human heart. *Lecture Notes in Computer Science*, 970:376–383, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1995:SAA

[625] G. Z. Yang, P. Burger, D. N. Firmin, and S. R. Underwood. Structure adaptive anisotropic filtering for magnetic resonance image enhancement. *Lecture Notes in Computer Science*, 970:384–391, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Scholz:1995:SDC

[626] T. Scholz, B. Jaehne, H. Suhr, and G. Wehnert. In situ determination of cell concentration in bioreactors with a new depth from focus technique. *Lecture Notes in Computer Science*, 970:392–399, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nordlund:1995:CLP

[627] P. Nordlund and T. Uhlin. Closing the loop: Pursuing a moving object by

a moving observer. *Lecture Notes in Computer Science*, 970:400–407, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kozera:1995:ALS

[628] R. Kozera. An algorithm for a linear shape-from-shading problem. *Lecture Notes in Computer Science*, 970:408–415, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sara:1995:IKT

[629] R. Sara. Isophotes: the key to tractable local shading analysis. *Lecture Notes in Computer Science*, 970:416–423, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Foltyniewicz:1995:EHO

[630] R. Foltyniewicz. Efficient high order neural network for rotation, translation and distance invariant recognition of gray scale images. *Lecture Notes in Computer Science*, 970:424–431, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sung:1995:LHF

[631] K.-K. Sung and T. Poggio. Learning human face detection in cluttered scenes. *Lecture Notes in Computer Science*, 970:432–439, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lopez:1995:HPC

[632] R. Lopez and T. S. Huang. Head pose computation for very low bit-rate video coding. *Lecture Notes in Computer Science*, 970:440–447, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Quan:1995:SCA

[633] L. Quan and R. Mohr. Self-calibration of an affine camera. *Lecture Notes in Computer Science*, 970:448–455, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Polanski:1995:SCP

[634] A. Polanski, K. Wojciechowski, and A. Borek. Stereo calibration by planar grid lines. *Lecture Notes in Computer Science*, 970:456–463, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Neubauer:1995:MPE

[635] R. Neubauer and K. Voss. Monocular pose estimation of circular primitives. *Lecture Notes in Computer Science*, 970:464–471, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lohmann:1995:NME

[636] G. Lohmann. A new method of extracting closed contours using maximal discs. *Lecture Notes in Computer Science*, 970:472–479, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Quereda:1995:SAE

[637] J. M. I. Quereda and M. B. Gomez. A simple algorithm to evaluate the local symmetry at each point of a closed contour. *Lecture Notes in Computer Science*, 970:480–487, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sloboda:1995:BA

[638] F. Sloboda and B. Zat'ko. On boundary approximation. *Lecture Notes in Computer Science*, 970:488–495, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Albregtsen:1995:TCM

[639] F. Albregtsen, H. Schulerud, and L. Yang. Texture classification of mouse liver cell nuclei using invariant moments of consistent regions. *Lecture Notes in Computer Science*, 970:496–502, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aas:1995:TRG

[640] K. Aas, L. Eikvil, and T. Andersen. Text recognition from grey level images using hidden Markov models. *Lecture Notes in Computer Science*, 970:503–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grigorian:1995:NMI

[641] A. Grigorian. New models of image restoration. *Lecture Notes in Computer Science*, 970:509–514, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Radeva:1995:IMS

[642] P. Radeva and E. Marti. An improved model of snakes for model-based segmentation. *Lecture Notes in Computer Science*, 970:515–520, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kazantsev:1995:WBT

[643] I. Kazantsev. The weighted backprojection techniques of image reconstruction. *Lecture Notes in Computer Science*, 970:521–525, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shkvarko:1995:FBE

[644] Y. V. Shkvarko and A. S. Netjukhailo. Fusion of Bayesian estimation and MTF inversion techniques for improved array imaging in scattering media. *Lecture Notes in Computer Science*, 970:526–531, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Perner:1995:CBR

[645] P. Perner. Case based reasoning for image interpretation. *Lecture Notes in Computer Science*, 970:532–537, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Livens:1995:CCI

[646] S. Livens, P. Scheunders, G. Van de Wouwer, and D. Van Dyck. Classification of corrosion images by wavelet signatures and LVQ networks. *Lecture Notes in Computer Science*, 970:538–543, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Balev:1995:KAI

[647] B. Balev, A. Bloemer, and O. Dehning. Knowledge acquisition for image analysis using hypermedia interface. *Lecture Notes in Computer Science*, 970:544–549, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ihle:1995:IPF

[648] T. Ihle, H. Schirmer, and S. Fuchs. Interpretation of printed forms for blind people. *Lecture Notes in Computer Science*, 970:550–555, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmid:1995:ASB

[649] G. Schmid, L. Altamirano Robles, and W. Eckstein. Automatic segmentation of boundaries in line segments and circular arcs. *Lecture Notes in Computer Science*, 970:556–561, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voss:1995:MBI

[650] K. Voss, H. Suesse, and R. Neubauer. Moment-based invariant fitting of elliptical segments. *Lecture Notes in Computer Science*, 970:562–567, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiGesu:1995:CBI

[651] V. Di Gesu, S. Mantaci, and G. Tortorici. Compression of binary images based on covering. *Lecture Notes in Computer Science*, 970:568–573, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gustin:1995:MDF

[652] V. Gustin and M. Cufer. Motion detection with fuzzy logic in real time. *Lecture Notes in Computer Science*, 970:574–579, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liedtke:1995:UEK

[653] C.-E. Liedtke, O. Grau, and S. Growe. Use of explicit knowledge for the reconstruction of 3-D object geometry. *Lecture Notes in Computer Science*, 970:580–587, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gofman:1995:DGL

[654] Y. Gofman and N. Kiryati. Detecting grey level symmetry: The frequency domain approach. *Lecture Notes in Computer Science*, 970:588–593, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luchowski:1995:NMT

[655] L. Luchowski. A new method to threshold images of flat binary scenes under uneven lighting. *Lecture Notes in Computer Science*, 970:594–599, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gunn:1995:ISP

[656] S. R. Gunn and M. S. Nixon. Improving snake performance via a dual active contour. *Lecture Notes in Computer Science*, 970:600–605, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duin:1995:SPM

[657] R. P. W. Duin and E. T. G. Hoek. SMD position measurement by a Kohonen network compared with image processing. *Lecture Notes in Computer Science*, 970:606–611, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gracia:1995:EFD

[658] I. Gracia, F. Pla, F. J. Ferri, and P. Garcia. Estimating feature discriminant power in decision tree classifiers. *Lecture Notes in Computer Science*, 970:612–617, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sharp:1995:SST

[659] N. G. Sharp and E. R. Hancock. Statistical surface tracking. *Lecture Notes in Computer Science*, 970:618–624, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kuncheva:1995:FSR

[660] L. I. Kuncheva and R. K. Kounchev. On feature selection via rough sets. *Lecture Notes in Computer Science*, 970:625–630, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voracek:1995:TNC

[661] J. Voracek. Tree neural classifier for character recognition. *Lecture Notes in Computer Science*, 970:631–636, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fidrich:1995:MEF

[662] M. Fidrich and J.-P. Thirion. Multiscale extraction of features from medical images. *Lecture Notes in Computer Science*, 970:637–642, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frucci:1995:LRE

[663] M. Frucci and A. Marcelli. Line representation of elongated shapes. *Lecture Notes in Computer Science*, 970:643–648, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1995:FCD

[664] L. Yang, F. Albregtsen, and T. Taxt. Fast computation of 3-D geometric moments using a discrete Gauss' theorem. *Lecture Notes in Computer Science*, 970:649–654, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chernov:1995:GAH

[665] V. M. Chernov. On the group algebras' hierarchy pertaining to the parametrization of fast algorithms of discrete orthogonal transforms. *Lecture Notes in Computer Science*, 970:655–660, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chinveeraphan:1995:URV

[666] S. Chinveeraphan, R. Takamatsu, and M. Sato. Understanding of ridge-valley lines on image-intensity surfaces in scale-space. *Lecture Notes in Computer Science*, 970:661–667, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fainzilberg:1995:CAR

[667] L. Fainzilberg and T. Potapova. Computer analysis and recognition of cognitive phase space electrocardiographic image. *Lecture Notes in Computer Science*, 970:668–673, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stoddart:1995:NAP

[668] A. J. Stoddart, M. Petrou, and J. Kittler. A new algorithm for probabilistic relaxation based on the Baum Eagon theorem. *Lecture Notes in Computer Science*, 970:674–679, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bors:1995:SEO

[669] A. G. Bors and I. Pitas. Segmentation and estimation of the optical flow. *Lecture Notes in Computer Science*, 970:680–685, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boecker:1995:ADF

[670] W. Boecker, H.-W. Gantenberg, W.-U. Mueller, and C. Streffer. Automated detection of fluorescent cells and measurement of their DNA-Content. *Lecture Notes in Computer Science*, 970: 686–691, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cucchiara:1995:HSH

[671] R. Cucchiara and F. Filicori. A highly selective HT based algorithm for detecting extended, almost rectilinear shapes. *Lecture Notes in Computer Science*, 970:692–698, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bayro-Corrochano:1995:OMC

[672] E. Bayro-Corrochano and G. Sommer. Object modelling and collision avoidance using Clifford algebra. *Lecture Notes in Computer Science*, 970:699–704, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Veillon:1995:JIT

[673] F. Veillon, L. Quan, and P. Sturm. Joint invariants of a triplet of coplanar conics: Stability and discriminating power for object recognition. *Lecture Notes in Computer Science*, 970:705–710, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arnspang:1995:UMC

[674] J. Arnspang, H. Nielsen, M. Christensen, and K. Henriksen. Using mirror cameras for estimating depth. *Lecture Notes in Computer Science*, 970:711–716, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Colombo:1995:CHT

[675] C. Colombo, A. Del Bimbo, and S. De Magistris. Combining head tracking and pupil monitoring in vision-based human-computer interaction. *Lecture Notes in Computer Science*, 970:717–722, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

BrentSeales:1995:ACC

[676] W. Brent Seales and D. Eggert. Active-camera calibration using iterative image feature localization. *Lecture Notes in Computer Science*, 970:723–728, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Suk:1995:PIP

[677] T. Suk and J. Flusser. The projective invariants for polygons. *Lecture*

Notes in Computer Science, 970:729–734, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haindl:1995:MMI

[678] M. Haindl and S. Simberova. A multimodel image line reconstruction. *Lecture Notes in Computer Science*, 970:735–740, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eikvil:1995:TAR

[679] L. Eikvil, K. Aas, and M. Holden. Tools for automatic recognition of character strings in maps. *Lecture Notes in Computer Science*, 970:741–746, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kropatsch:1995:THD

[680] W. G. Kropatsch. Towards higher decimation ratios. *Lecture Notes in Computer Science*, 970:747–752, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klette:1995:RDP

[681] R. Klette, I. Stojmenovic, and J. Zunic. A representation of digital planes by least square fits. *Lecture Notes in Computer Science*, 970:753–758, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1995:SAE

[682] L. Yang, F. Albregtsen, T. Loennestad, and P. Groettum. A supervised approach to the evaluation of image segmentation methods. *Lecture Notes in Computer Science*, 970:759–765, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kuncheva:1995:EIE

[683] L. I. Kuncheva and Y. K. Yotzov. Experimental investigation on editing for the k-NN rule through a genetic algorithm. *Lecture Notes in Computer Science*, 970:766–771, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jankovic:1995:HMM

[684] V. Jankovic, E. Ruzicky, and E. Groeller. Heterogeneous morphing of multimodal medical information. *Lecture Notes in Computer Science*, 970:772–777, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leonardis:1995:RPD

[685] A. Leonardis, S. Kovacic, and F. Pernus. Recognition and pose determination of 3-D objects using multiple views. *Lecture Notes in Computer Science*, 970:778–783, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meijster:1995:PIP

[686] A. Meijster and J. B. T. M. Roerdink. A proposal for the implementation of a parallel watershed algorithm. *Lecture Notes in Computer Science*, 970:790–795, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turner:1995:BED

[687] M. Turner and E. R. Hancock. Bayesian extraction of differential surface structure. *Lecture Notes in*

Computer Science, 970:790–795, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Law:1995:NNE

[688] T. Law, H. Itoh, and H. Seki. A neural network energy minimization approach to approximation of 2-dimensional shapes. *Lecture Notes in Computer Science*, 970:796–801, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anzalone:1995:VDD

[689] A. Anzalone and A. Machi. Visual detection of defects in moulded plastic drippers. *Lecture Notes in Computer Science*, 970:802–807, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoogs:1995:SM

[690] A. Hoogs and R. Bajcsy. Segmentation modeling. *Lecture Notes in Computer Science*, 970:808–813, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Faure:1995:IRM

[691] F. Faure. Inverting the reflectance map with binary search. *Lecture Notes in Computer Science*, 970:814–819, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Palmer:1995:FST

[692] P. L. Palmer, N. Fatemi-Ghomi, and M. Petrou. Feature selection for the tree-wavelet transform. *Lecture Notes in Computer Science*, 970:820–825, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yu:1995:PCD

[693] S. Yu and K. Weigl. Performance comparison of a deterministic and a stochastic method for image classification. *Lecture Notes in Computer Science*, 970:826–831, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pudil:1995:ASM

[694] P. Pudil, J. Novovicova, F. Ferri, and J. Kittler. Advances in the statistical methodology for the selection of image descriptors for visual pattern representation and classification. *Lecture Notes in Computer Science*, 970:832–837, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sturm:1995:ASC

[695] P. Sturm and L. Quan. Affine stereo calibration. *Lecture Notes in Computer Science*, 970:838–843, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kadyrov:1995:TFL

[696] A. Kadyrov. Triple features for linear distorted images. *Lecture Notes in Computer Science*, 970:844–849, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chmielewski:1995:FPR

[697] L. Chmielewski, E. Chmielewska, M. Sklodowski, and W. Cudny. Finding postirradiation reaction in lungs from digitized X-rays. *Lecture Notes in Computer Science*, 970:850–855, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arnspang:1995:ETC

[698] J. Arnspang, K. Henriksen, and R. Stahr. Estimating time to contact with curves, avoiding calibration and aperture problem. *Lecture Notes in Computer Science*, 970:856–861, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hatef:1995:CPR

[699] M. Hatef and J. Kittler. Constraining probabilistic relaxation with symbolic attributes. *Lecture Notes in Computer Science*, 970:862–867, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maki:1995:LFP

[700] A. Maki, L. Bretzner, and J.-O. Eklundh. Local Fourier phase and disparity estimates: An analytical study. *Lecture Notes in Computer Science*, 970:868–873, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fornland:1995:DOD

[701] P. Fornland. Direct obstacle detection and motion from spatio-temporal derivatives. *Lecture Notes in Computer Science*, 970:874–879, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roy:1995:DER

[702] S. Roy and I. J. Cox. Direct estimation of rotation from two frames via epipolar search. *Lecture Notes in Computer Science*, 970:880–887, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andrianasy:1995:DCR

[703] F. Andrianasy and M. Milgram. Dynamic character recognition using an elastic matching. *Lecture Notes in Computer Science*, 970:888–893, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ungureanu:1995:VRG

[704] D. Ungureanu, L. Van Gool, and T. Moons. Visual robot guidance for an insertion task. *Lecture Notes in Computer Science*, 970:894–899, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Janova:1995:RSR

[705] D. Janova and J. Jan. Robust surface reconstruction from stereo SEM images. *Lecture Notes in Computer Science*, 970:900–905, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kautsky:1995:AWS

[706] J. Kautsky and R. Turcajova. Adaptive wavelets for signal analysis. *Lecture Notes in Computer Science*, 970:906–911, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Michaelis:1995:CFP

[707] M. Michaelis, R. Herpers, and G. Sommer. A common framework for preattentive and attentive vision using steerable filters. *Lecture Notes in Computer Science*, 970:912–919, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:SGS

[708] C. Lee, Y.-F. Wang, and T. Yang. Static global scheduling for optimal computer vision and image processing operations on distributed-memory multiprocessors. *Lecture Notes in Computer Science*, 970:920–925, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Herwig:1995:RPC

[709] C. Herwig and H.-O. Carmesin. Robust patch concept for egomotion estimation. *Lecture Notes in Computer Science*, 970:926–931, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xia:1995:PTA

[710] F. Xia. Parallel thinning algorithm based on the wave propagation model. *Lecture Notes in Computer Science*, 970:932–937, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corridoni:1995:FER

[711] J. M. Corridoni and A. Del Bimbo. Film editing reconstruction and semantic analysis. *Lecture Notes in Computer Science*, 970:938–943, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seales:1995:MTC

[712] W. Brent Seales. Measuring time-to-contact using active camera control. *Lecture Notes in Computer Science*, 970:944–949, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiemker:1995:CCP

[713] R. Wiemker. The color constancy problem: An illumination invariant mapping approach. *Lecture Notes in Computer Science*, 970:950–955, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mohamed:1995:MCE

[714] Otmane Ait Mohamed. Mechanizing a-calculus equivalence within HOL. *Lecture Notes in Computer Science*, 971:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agerholm:1995:NPR

[715] S. Agerholm. Non-primitive recursive function definitions. *Lecture Notes in Computer Science*, 971:17–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agerholm:1995:EZS

[716] S. Agerholm and M. Gordon. Experiments with ZF set theory in HOL and isabelle. *Lecture Notes in Computer Science*, 971:32–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Black:1995:AST

[717] P. E. Black and P. J. Windley. Automatically synthesized term denotation predicates: A proof aid. *Lecture Notes in Computer Science*, 971:46–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bodeveiz:1995:RSM

[718] J.-P. Bodeveiz and M. Filali. On the refinement of symmetric memory pro-

tocols. *Lecture Notes in Computer Science*, 971:58–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boulton:1995:CDP

[719] R. J. Boulton. Combining decision procedures in the HOL system. *Lecture Notes in Computer Science*, 971:75–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brackin:1995:DCP

[720] S. H. Brackin. Deciding cryptographic protocol adequacy with HOL. *Lecture Notes in Computer Science*, 971:90–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Busch:1995:PMR

[721] H. Busch. A practical method for reasoning about distributed systems in a theorem prover. *Lecture Notes in Computer Science*, 971:106–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Collins:1995:TFM

[722] G. Collins and D. Syme. A theory of finite maps. *Lecture Notes in Computer Science*, 971:122–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Curzon:1995:VT

[723] P. Curzon. Virtual theories. *Lecture Notes in Computer Science*, 971:138–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eisenbiegler:1995:ATD

[724] D. Eisenbiegler and R. Kumar. An automata theory dedicated towards formal circuit synthesis. *Lecture Notes in Computer Science*, 971:154–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gunter:1995:IHF

[725] E. L. Gunter and L. Libkin. Interfacing HOL90 with a functional database query language. *Lecture Notes in Computer Science*, 971:170–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harrison:1995:FPV

[726] J. Harrison. Floating point verification in HOL. *Lecture Notes in Computer Science*, 971:186–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harrison:1995:IDA

[727] J. Harrison. Inductive definitions: Automation and application. *Lecture Notes in Computer Science*, 971:200–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kalvala:1995:FTI

[728] S. Kalvala. A formulation of TLA in isabelle. *Lecture Notes in Computer Science*, 971:214–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1995:FVS

[729] Jang Dae Kim and S.-K. Chin. Formal verification of serial pipeline multipliers. *Lecture Notes in Computer*

Science, 971:229–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laangbacka:1995:TTW

[730] T. Laangbacka, R. Ruksenas, and J. Von Wright. TkWinHOL: A tool for window inference in HOL. *Lecture Notes in Computer Science*, 971:245–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Loewenstein:1995:FVC

[731] P. N. Loewenstein. Formal verification of counterflow pipeline architecture. *Lecture Notes in Computer Science*, 971:261–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reetz:1995:DEV

[732] R. Reetz. Deep embedding VHDL. *Lecture Notes in Computer Science*, 971: 277–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Regensburger:1995:HHO

[733] F. Regensburger. HOLCF: Higher order logic of computable functions. *Lecture Notes in Computer Science*, 971: 293–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schubert:1995:MLS

[734] T. Schubert and S. Mocas. A mechanized logic for secure key escrow protocol verification. *Lecture Notes in Computer Science*, 971:308–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Syme:1995:NIH

[735] D. Syme. A new interface for HOL — ideas, issues and implementation. *Lecture Notes in Computer Science*, 971: 324–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Welinder:1995:VEC

[736] M. Welinder. Very efficient conversions. *Lecture Notes in Computer Science*, 971:340–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wong:1995:RCH

[737] W. Wong. Recording and checking HOL proofs. *Lecture Notes in Computer Science*, 971:353–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yamamoto:1995:FPG

[738] M. Yamamoto, S.-Y. Nishizaki, M. Hagiya, and Y. Toda. Formalization of planar graphs. *Lecture Notes in Computer Science*, 971:369–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cui:1995:HMR

[739] Z. Cui, B. R. Becker, M. R. Heckman, and K. Levitt. A hierarchical method for reasoning about distributed programming languages. *Lecture Notes in Computer Science*, 971:385–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gouda:1995:TTS

[740] M. G. Gouda. The triumph and tribulation of system stabilization. *Lecture*

Notes in Computer Science, 972:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jayanti:1995:WFC

[741] P. Jayanti. Wait-free computing. *Lecture Notes in Computer Science*, 972: 19–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

LeLann:1995:RTN

[742] G. Le Lann. On real-time and non real-time distributed computing. *Lecture Notes in Computer Science*, 972:51–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dolev:1995:TPD

[743] D. Dolev. Theory and practice in distributed systems. *Lecture Notes in Computer Science*, 972:71–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Babaoglu:1995:ICS

[744] O. Babaoglu, R. Davoli, L. Giachini, and P. Sabattini. The inherent cost of strong-partial view-synchronous communication. *Lecture Notes in Computer Science*, 972:72–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guerraoui:1995:RRB

[745] R. Guerraoui. Revisiting the relationship between non-blocking atomic commitment and consensus. *Lecture Notes in Computer Science*, 972:87–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ricciardi:1995:DDC

[746] A. Ricciardi. Dissecting distributed coordination. *Lecture Notes in Computer Science*, 972:101–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Awerbuch:1995:OBP

[747] B. Awerbuch, S. Kutten, Y. Mansour, and D. Peleg. Optimal broadcast with partial knowledge. *Lecture Notes in Computer Science*, 972:116–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Flammini:1995:MDI

[748] M. Flammini, G. Gambosi, U. Nanni, and R. B. Tan. Multi-dimensional interval routing schemes. *Lecture Notes in Computer Science*, 972:131–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jakoby:1995:DTP

[749] A. Jakoby and R. Reischuk. Data transmission in processor networks. *Lecture Notes in Computer Science*, 972:145–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Spirakis:1995:DPA

[750] P. Spirakis, B. Tampakas, and H. Antonopoulou. Distributed protocols against mobile eavesdroppers. *Lecture Notes in Computer Science*, 972: 160–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1995:UCL

[751] J. H. Anderson and M. Moir. Universal constructions for large objects. *Lecture Notes in Computer Science*, 972: 168–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arora:1995:LBE

[752] A. Arora and M. G. Gouda. Load balancing: an exercise in constrained convergence. *Lecture Notes in Computer Science*, 972:183–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shapiro:1995:LRD

[753] M. Shapiro and P. Ferreira. Larchant-RDOSS: a distributed shared persistent memory and its garbage collector. *Lecture Notes in Computer Science*, 972:198–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bao:1995:BHR

[754] F. Bao, Y. Igarashi, and K. Katano. Broadcasting in hypercubes with randomly distributed Byzantine faults. *Lecture Notes in Computer Science*, 972:215–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Borcherding:1995:NAR

[755] M. Borcherding. On the number of authenticated rounds in Byzantine agreement. *Lecture Notes in Computer Science*, 972:230–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moser:1995:TOA

[756] L. E. Moser and P. M. Melliar-Smith. Total ordering algorithms for asynchronous Byzantine systems. *Lecture Notes in Computer Science*, 972:242–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Butelle:1995:USS

[757] F. Butelle, C. Lavault, and M. Bui. A uniform self-stabilizing minimum diameter tree algorithm. *Lecture Notes in Computer Science*, 972:257–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoepman:1995:SSW

[758] J.-H. Hoepman, M. Papatriantafilou, and P. Tsigas. On self-stabilization in wait-free shared memory objects. *Lecture Notes in Computer Science*, 972: 273–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Itkis:1995:DCS

[759] G. Itkis, C. Lin, and J. Simon. Deterministic, constant space, self-stabilizing leader election on uniform rings. *Lecture Notes in Computer Science*, 972:288–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chase:1995:EDR

[760] C. M. Chase and V. K. Garg. Efficient detection of restricted classes of global predicates. *Lecture Notes in Computer Science*, 972:303–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stoller:1995:FPD

[761] S. D. Stoller and F. B. Schneider. Faster possibility detection by combining two approaches. *Lecture Notes in Computer Science*, 972:318–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kroha:1995:SER

[762] P. Kroha. Shortcomings and extensions of relational DBMS. *Lecture Notes in Computer Science*, 973:50–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heumer:1995:EOO

[763] C. Heumer, G. Kappel, S. Rausch-Schott, and W. Retschitzegger. Evaluation of object-oriented database systems. *Lecture Notes in Computer Science*, 973:70–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rausch-Schott:1995:AOO

[764] K. G. Rausch-Schott, W. Retschitzegger, A. M. Tjoa, and S. Vieweg. Active object-oriented database systems for CIM applications. *Lecture Notes in Computer Science*, 973:96–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kroha:1995:DBR

[765] P. Kroha. Databdrige between RDBMS and OODBMS. *Lecture Notes in Computer Science*, 973:132–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kappel:1995:DRC

[766] G. Kappel and S. Vieweg. Database requirements of CIM applications. *Lecture Notes in Computer Science*, 973: 136–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Finke:1995:PS

[767] G. Finke. Planning and scheduling. *Lecture Notes in Computer Science*, 973:165–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Widmer:1995:ORM

[768] M. Widmer. Operational research models and methods in CIM. *Lecture Notes in Computer Science*, 973:179–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sriharan:1995:PPC

[769] V. Sriharan and J. J. Kanet. Production planning and control systems — state of the art and new directions. *Lecture Notes in Computer Science*, 973:195–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adelsberger:1995:STD

[770] H. H. Adelsberger and C. Hohendorf. Simulation — A tool for developing advanced production strategies. *Lecture Notes in Computer Science*, 973:217–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Conen:1995:DMC

[771] W. Conen. Dynamic modeling of CIM systems. *Lecture Notes in Computer Science*, 973:237–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Horacek:1995:FMC

[772] P. Horacek. Fuzzy modeling and control. *Lecture Notes in Computer Science*, 973:257–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matousek:1995:FCC

[773] V. Matousek. Foundations of computer communications. *Lecture Notes in Computer Science*, 973:289–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Traunmueller:1995:IMI

[774] R. Traunmueller. Information management and information systems planning. *Lecture Notes in Computer Science*, 973:325–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joergensen:1995:OFM

[775] F. Joergensen. Overview of function modelling — IDEFO. *Lecture Notes in Computer Science*, 973:340–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adelsberger:1995:DMI

[776] H. H. Adelsberger and F. Koerner. Data modeling with IDEFIX. *Lecture Notes in Computer Science*, 973:355–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jacak:1995:APC

[777] W. Jacak and B. Kapsammer. Automatic programming in CIM based on intelligent tools. *Lecture Notes in Computer Science*, 973:392–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Drazan:1995:MBD

[778] P. J. Drazan. Model based decision support systems. *Lecture Notes in Computer Science*, 973:418–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kouba:1995:MMI

[779] Z. Kouba and T. Vlcek. Man — machine interface for CIM. *Lecture Notes in Computer Science*, 973:427–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hensgens:1995:DES

[780] J. Hensgens. Designing for evolutionary systems. *Lecture Notes in Computer Science*, 973:439–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Preucil:1995:ASC

[781] I. Preucil. Active subsystems for CIM environments. *Lecture Notes in Computer Science*, 973:454–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Slavik:1995:CST

[782] P. Slavik. CAD systems: Trends and developments. *Lecture Notes in*

Computer Science, 973:478–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fohn:1995:CE

[783] S. M. Fohn, A. Greef, R. E. Young, and P. O'Grady. Concurrent engineering. *Lecture Notes in Computer Science*, 973:493–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Specht:1995:GSF

[784] D. Specht and F. Fehler. Groupwork in the shop-floor-area needs decentral CIM-Structures and components. *Lecture Notes in Computer Science*, 973:506–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marik:1995:DCN

[785] V. Marik, J. Lazansky, and O. Stepankova. Does CIM need AI? *Lecture Notes in Computer Science*, 973:517–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Keilmann:1995:MAS

[786] K.-P. Keilmann. Multi-agent systems: A natural trend in CIM. *Lecture Notes in Computer Science*, 973:548–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Neubauer:1995:PSG

[787] M. Neubauer. Production scheduling and genetic algorithms. *Lecture Notes in Computer Science*, 973:563–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Csonto:1995:ISD

[788] J. Csonto. Implementation of systems with declarative constraints. *Lecture Notes in Computer Science*, 973:583–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marvan:1995:QRC

[789] I. Marvan and O. Stepankova. Qualitative reasoning and CIM. *Lecture Notes in Computer Science*, 973:594–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Starzacher:1995:CAS

[790] P. Starzacher, G. Quirchmayr, and R. Wagner. Comparison and analysis of selected CIM-Laboratory concepts and their importance for the improvement of staff training. *Lecture Notes in Computer Science*, 973:613–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tjoa:1995:UAD

[791] A. M. Tjoa, R. R. Wagner, C. Gierlinger, and C. Kaiser. The use of the active database SIMON for a short term production planning system in the automotive industry. *Lecture Notes in Computer Science*, 973:638–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jain:1995:TAR

[792] A. K. Jain and K. Karu. Texture analysis: Representation and matching. *Lecture Notes in Computer Science*, 974:

3–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rouquet:1995:RBS

[793] C. Rouquet and P. Bonton. Region-based segmentation of textured images. *Lecture Notes in Computer Science*, 974:11–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Succi:1995:NAI

[794] A. Succi and V. Torre. A new approach to image segmentation. *Lecture Notes in Computer Science*, 974:17–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Campadelli:1995:UHN

[795] P. Campadelli, D. Medici, and R. Schettini. Using Hopfield networks to segment color images. *Lecture Notes in Computer Science*, 974:25–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wegner:1995:WTM

[796] S. Wegner, T. Harms, J. H. Builtjes, and H. Oswald. The watershed transformation for multiresolution image segmentation. *Lecture Notes in Computer Science*, 974:31–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsen:1995:BOE

[797] O. V. Larsen, P. Radeva, and E. Marti. Bounds on the optimal elasticity parameters for a snake. *Lecture Notes in Computer Science*, 974:37–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bunke:1995:EAG

[798] H. Bunke and B. T. Messmer. Efficient attributed graph matching and its application to image analysis. *Lecture Notes in Computer Science*, 974:45–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Finch:1995:MDG

[799] A. M. Finch and E. R. Hancock. Matching Delaunay graphs. *Lecture Notes in Computer Science*, 974:56–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wilson:1995:IAG

[800] R. C. Wilson and E. R. Hancock. An integrated approach to grouping and matching. *Lecture Notes in Computer Science*, 974:62–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cordella:1995:ARO

[801] L. P. Cordella, C. De Stefano, C. Sansone, and M. Vento. An adaptive reject option for LVQ classifiers. *Lecture Notes in Computer Science*, 974:68–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blaszka:1995:MBM

[802] T. Blaszka and R. Deriche. A model based method for characterization and location of curved image features. *Lecture Notes in Computer Science*, 974: 77–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matas:1995:ECT

[803] J. Matas, Z. Shao, and J. Kittler. Estimation of curvature and tangent direction by median filtered differencing. *Lecture Notes in Computer Science*, 974:83–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ziou:1995:AEF

[804] D. Ziou and S. Tabbone. Adaptive elimination of false edges for first order detectors. *Lecture Notes in Computer Science*, 974:89–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koelma:1995:IPL

[805] D. Koelma and A. Smeulders. An image processing library based on abstract image data-types in C++. *Lecture Notes in Computer Science*, 974: 97–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maruyama:1995:STD

[806] M. Maruyama, T. Teraoka, T. Tamada, and S. Nishida. Spatio-temporal data management for a 3D graphical information system. *Lecture Notes in Computer Science*, 974:103–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

SouzaSol:1995:POO

[807] A. A. Souza Sol and A. De Albuquerque Araujo. PhotoPix: an object-oriented framework for digital image processing systems. *Lecture Notes in Computer Science*, 974:109–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Broggi:1995:DPV

[808] A. Broggi. Data packing vs. processing speed on low-cost massively parallel systems. *Lecture Notes in Computer Science*, 974:115–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kutics:1995:NPM

[809] A. Kutics and M. Date. A new parallel method based on a genetic approach for determination and classification of skin spots. *Lecture Notes in Computer Science*, 974:121–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baglietto:1995:VSP

[810] P. Baglietto, M. Maresca, A. Migliaro, and M. Migliardi. A VLSI scalable processor array for motion estimation. *Lecture Notes in Computer Science*, 974:127–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cantoni:1995:EDA

[811] V. Cantoni, L. Cinque, S. Levialdi, and L. Lombardi. Evaluating digital angles by a parallel diffusion process. *Lecture Notes in Computer Science*, 974:133–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Albanesi:1995:PAC

[812] M. G. Albanesi, M. Ferretti, and L. Zangrandi. A pyramidal approach to convex hull and filling algorithms. *Lecture Notes in Computer Science*, 974: 139–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biancardi:1995:CBA

[813] A. Biancardi and M. Pini. A code based approach to image-processing teaching. *Lecture Notes in Computer Science*, 974:145–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bothe:1995:VSM

[814] H. H. Bothe. A visual speech model based on fuzzy-neuro methods. *Lecture Notes in Computer Science*, 974: 153–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pinho:1995:EDF

[815] A. J. Pinho and L. B. Almeida. Edge detection filters based on artificial neural networks. *Lecture Notes in Computer Science*, 974:159–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Petkov:1995:UCF

[816] N. Petkov. Use of cortical filters and neural networks in a self-organising image classification system. *Lecture Notes in Computer Science*, 974:165–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:OOR

[817] J.-S. Lee, C.-H. Chen, Y.-N. Sun, and G.-S. Tseng. Occluded objects recognition using multiscale features and Hopfield neural networks. *Lecture Notes in Computer Science*, 974:171–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corridoni:1995:AVS

[818] J. M. Corridoni and A. Del Bimbo. Automatic video segmentation through editing analysis. *Lecture Notes in Computer Science*, 974:179–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DelBimbo:1995:IRE

[819] A. Del Bimbo and P. Pala. Image retrieval by elastic matching of user sketches. *Lecture Notes in Computer Science*, 974:185–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ranefall:1995:FFF

[820] P. Ranefall, B. Nordin, and E. Bengtsson. Finding facial features using an HLS colour space. *Lecture Notes in Computer Science*, 974:191–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jiang:1995:NFR

[821] J. Jiang. A new and fast real-time implementation of 2-D DCT. *Lecture Notes in Computer Science*, 974:197–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takamura:1995:HLC

[822] S. Takamura and M. Takagi. A hybrid lossless compression of still images using Markov models and linear prediction. *Lecture Notes in Computer Science*, 974:203–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stiller:1995:IAQ

[823] C. Stiller. The impact of aliasing and quantization on motion compensation. *Lecture Notes in Computer Science*, 974:209–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kovalev:1995:RBM

[824] V. A. Kovalev. Rule-based method for tumor recognition in liver ultrasonic images. *Lecture Notes in Computer Science*, 974:217–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Taylor:1995:UMF

[825] C. C. Taylor, M. R. Faghihi, and I. L. Dryden. An understanding of muscle fibre images. *Lecture Notes in Computer Science*, 974:223–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez:1995:NPC

[826] G. Fernandez, M. Kunt, and J.-P. Zryd. A new plant cell image segmentation algorithm. *Lecture Notes in Computer Science*, 974:229–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Batista:1995:ETM

[827] J. Batista and R. Kitney. Extraction of tumours from MR images of the brain by texture and clustering. *Lecture Notes in Computer Science*, 974: 235–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bello:1995:AIB

[828] F. Bello and R. Kitney. Automatic identification of brain contours in magnetic resonance images of the head. *Lecture Notes in Computer Science*, 974:241–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DellaMea:1995:ASA

[829] V. Della Mea and C. A. Beltrami. Analysis of the spatial arrangement of cells in the proliferative breast lesions. *Lecture Notes in Computer Science*, 974:247–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chitti:1995:AIP

[830] Y. Chitti. Application of image processing in neurobiology: Detection of low signals with high spatial resolution and a non-uniform variance. *Lecture Notes in Computer Science*, 974:253–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giachetti:1995:CAA

[831] A. Giachetti, M. Cappello, G. Gigli, and V. Torre. Computer assisted analysis of echocardiographic image sequences. *Lecture Notes in Computer Science*, 974:258–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vinitski:1995:TSM

[832] S. Vinitski, C. Gonzalez, C. Burnett, and F. Mohamed. Tissue segmentation in MRI as an informative indicator of disease activity in the

brain. *Lecture Notes in Computer Science*, 974:265–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Costa:1995:ASC

[833] M. S. Costa and L. G. Shapiro. Analysis of scenes containing multiple nonpolyhedral 3D objects. *Lecture Notes in Computer Science*, 974:273–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dherete:1995:FSA

[834] P. Dherete, L. Wendling, and J. Desachy. Fuzzy segmentation and astronomical images interpretation. *Lecture Notes in Computer Science*, 974:281–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bischof:1995:LHF

[835] W. F. Bischof and T. Caelli. Learning how to find patterns or objects in complex scenes. *Lecture Notes in Computer Science*, 974:287–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bellaire:1995:AMU

[836] G. Bellaire, K. Schluens, A. Mitritz, and K. Gwinner. Adaptive matching using object models generated from photometric stereo images. *Lecture Notes in Computer Science*, 974:293–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roberto:1995:SPT

[837] V. Roberto and E. Trucco. Sensor planning techniques and active visual inspection. *Lecture Notes in Computer Science*, 974:301–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Enciso:1995:ESC

[838] R. Enciso and T. Vieville. Experimental self-calibration from four views. *Lecture Notes in Computer Science*, 974:307–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Garibotto:1995:VBN

[839] G. Garibotto, M. Ilic, and S. Masciangelo. Vision-based navigation in service robotics. *Lecture Notes in Computer Science*, 974:313–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wu:1995:SOG

[840] K. Wu and M. D. Levine. Segmenting 3D objects into geons. *Lecture Notes in Computer Science*, 974:321–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arcelli:1995:DES

[841] C. Arcelli and G. Ramella. Delineation of elongated sub-patterns in a piecewise constant foreground. *Lecture Notes in Computer Science*, 974:335–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xia:1995:NBC

[842] F. Xia. On a new basic concept and topological invariant. *Lecture Notes in Computer Science*, 974:341–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lambert:1995:LMI

[843] G. Lambert and H. Gao. Line moments and invariants for real time processing of vectorized contour data. *Lecture Notes in Computer Science*, 974: 347–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Murino:1995:RNU

[844] V. Murino, E. Frumento, and F. Gabino. Restoration of noisy underwater acoustic images using Markov random fields. *Lecture Notes in Computer Science*, 974:355–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krebs:1995:PPS

[845] B. Krebs, B. Korn, and F. M. Wahl. Plausibilistic preprocessing of sparse range images. *Lecture Notes in Computer Science*, 974:361–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Puppo:1995:SRR

[846] E. Puppo. Segmentation/reconstruction of range images based on piecewise-linear approximation. *Lecture Notes in Computer Science*, 974:367–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caelli:1995:PCO

[847] T. Caelli and M. Ollila. In-place covariance operators for computer vision. *Lecture Notes in Computer Science*, 974:375–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Salotti:1995:NHS

[848] M. Salotti and M. Hatimi. A new heuristic search for boundary detection. *Lecture Notes in Computer Science*, 974:381–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nakazawa:1995:SPR

[849] Y. Nakazawa, T. Komatsu, and T. Saito. Sub-pixel registration for super high resolution image acquisition based on temporal integration. *Lecture Notes in Computer Science*, 974: 387–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ottonello:1995:RFT

[850] C. Ottonello, S. Pagnan, and V. Murino. Robust features for textures in additive noise. *Lecture Notes in Computer Science*, 974:393–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caglioti:1995:DCC

[851] V. Caglioti. Decomposing contours into curves of different families. *Lecture Notes in Computer Science*, 974:399–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sorrenti:1995:PLA

[852] D. G. Sorrenti. A proposal on local and adaptive determination of filter scale for edge detection. *Lecture Notes in Computer Science*, 974:405–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larre:1995:DSE

[853] A. Larre and E. Montseny. On the detection of step edges in algorithms based on gradient vector analysis. *Lecture Notes in Computer Science*, 974: 411–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bres:1995:DAG

[854] S. Bres and H. Emptoz. Directions analysis in grey-level images. *Lecture Notes in Computer Science*, 974:417–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zribi:1995:UNP

[855] M. Zribi and F. Ghorbel. An unsupervised and non-parametric Bayesian image segmentation. *Lecture Notes in Computer Science*, 974:423–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vitulano:1995:BIS

[856] S. Vitulano, C. Di Ruberto, and M. Nappi. A.I. based image segmentation. *Lecture Notes in Computer Science*, 974:429–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marino:1995:QEI

[857] F. Marino and G. Mastronardi. Quality enhancement in image enlargement. *Lecture Notes in Computer Science*, 974:435–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nystroem:1995:SOS

[858] I. Nystroem and G. Borgefors. Synthesising objects and scenes using the reverse distance transformation in 2D and 3D. *Lecture Notes in Computer Science*, 974:441–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Landraud:1995:TSU

[859] A. M. Landraud and S. Oh Yum. Texture segmentation using local phase differences in Gabor filtered images. *Lecture Notes in Computer Science*, 974: 447–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Accame:1995:DES

[860] M. Accame and F. De Natale. Disparity estimation for stereo sequences based on adaptive size hierarchical block matching. *Lecture Notes in Computer Science*, 974:453–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1995:MSC

[861] Y. Zhang and J. J. Gerbrands. Matching of stereo curves — A closed form solution. *Lecture Notes in Computer Science*, 974:459–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tascini:1995:MPO

[862] G. Tascini, P. Puliti, and P. Zingaretti. Multi-polygonal object tracking. *Lecture Notes in Computer Science*, 974:465–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cui:1995:OPE

[863] Y. Cui, J. Weng, and H. Reynolds. Optimal parameter estimation of ellipses. *Lecture Notes in Computer Science*, 974:471–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leite:1995:LDW

[864] J. A. F. Leite and E. R. Hancock. A linear discriminator of width. *Lecture Notes in Computer Science*, 974:477–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kindratenko:1995:BII

[865] V. V. Kindratenko, B. A. Treiger, and P. J. M. Van Espen. Binarization of inhomogeneously illuminated images. *Lecture Notes in Computer Science*, 974:483–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Attali:1995:PDS

[866] D. Attali, G. Sanniti di Baja, and E. Thiel. Pruning discrete and semi-continuous skeletons. *Lecture Notes in Computer Science*, 974:488–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Karasik:1995:CPH

[867] Y. B. Karasik. On commutative properties of halftoning and their applications. *Lecture Notes in Computer Science*, 974:494–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bottoni:1995:CRG

[868] P. Bottoni, L. Cinque, S. Levialdi, and L. Lombardi. Combining resolution and granularity for pattern recognition. *Lecture Notes in Computer Science*, 974:503–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turolla:1995:LCS

[869] E. Turolla, Y. Belaid, and A. Belaid. Line and cell searching in tables or forms. *Lecture Notes in Computer Science*, 974:509–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Congedo:1995:DWG

[870] G. Congedo, G. Dimauro, S. Impedovo, and G. Pirlo. Describing words by graphs. *Lecture Notes in Computer Science*, 974:515–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Congedo:1995:SRS

[871] G. Congedo, G. Dimauro, A. M. Forte, and S. Impedovo. Selecting reference signatures for on-line signature verification. *Lecture Notes in Computer Science*, 974:521–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zramdini:1995:APO

[872] A. Zramdini and R. Ingold. ApOFIS: an A priori optical font identification system. *Lecture Notes in Computer Science*, 974:527–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burge:1995:EWM

[873] M. Burge and G. Monagan. Extracting words and multi-part symbols in graphics rich documents. *Lecture Notes in Computer Science*, 974:533–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bussi:1995:SAM

[874] S. Bussi and F. Mangili. A semi-automatic method for form layout description. *Lecture Notes in Computer Science*, 974:539–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boccignone:1995:IUC

[875] G. Boccignone, M. De Santo, A. Chianese, and A. Picariello. Improving the use of contours for off-line cursive script segmentation. *Lecture Notes in Computer Science*, 974:545–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsuchiya:1995:MDA

[876] T. Tsuchiya, N. Nakajima, and T. Kamimura. A method for determining address format in the automated sorting of Japanese mail. *Lecture Notes in Computer Science*, 974: 551–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zidouri:1995:SFM

[877] A. B. C. Zidouri, S. Chinveeraphan, and M. Sato. Structural features by MCR expression for printed Arabic character recognition. *Lecture Notes in Computer Science*, 974:557–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shioyama:1995:GAT

[878] T. Shioyama, A. Okumura, and Y. Aoki. Genetic algorithm for thinning gray-scale images of characters. *Lecture Notes in Computer Science*, 974: 563–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marcu:1995:BPD

[879] G. Marcu and S. Abe. Blue-print document analysis for color classification. *Lecture Notes in Computer Science*, 974:569–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nagy:1995:DIA

[880] G. Nagy. Document image analysis: What is missing? *Lecture Notes in Computer Science*, 974:577–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hu:1995:IFH

[881] J. Hu, M. K. Brown, and W. Turin. Invariant features for HMM based online handwriting recognition. *Lecture Notes in Computer Science*, 974:588–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Congedo:1995:RAA

[882] G. Congedo, G. Dimauro, S. Impedovo, and G. Pirlo. A robust analytical approach for handwritten word recognition. *Lecture Notes in Computer Science*, 974:594–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cinque:1995:RRC

[883] L. Cinque, S. Di Zenzo, and S. Levialdi. Recognition of rotated characters by inexact matching. *Lecture Notes in Computer Science*, 974:600–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chan:1995:BIR

[884] M. Chan, G. T. Herman, and E. Levitan. Bayesian image reconstruction using a high-order interacting MRF model. *Lecture Notes in Computer Science*, 974:609–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choi:1995:MST

[885] H.-K. Choi, E. Bengtsson, T. Jarkrans, and J. Vasko. Minimum spanning trees (MST) as a tool for describing tissue architecture when grading bladder carcinoma. *Lecture Notes in Computer Science*, 974:615–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baroni:1995:SIC

[886] M. Baroni, G. Congiu, A. Del Bimbo, and A. Evangelisti. Symbolic indexing of cardiological sequences through dynamic curve representations. *Lecture Notes in Computer Science*, 974:621–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Netravali:1995:VC

[887] A. N. Netravali. Visual communication. *Lecture Notes in Computer Science*, 974:629–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Popescu:1995:GSI

[888] D. C. Popescu, A. Dimca, and H. Yan. Generalized square isometries — an improvement for fractal image coding. *Lecture Notes in Computer Science*, 974:637–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Braccini:1995:FAH

[889] C. Braccini, F. Cocurullo, and F. Lavagetto. A fast algorithm for high quality vector quantization codebook design. *Lecture Notes in Computer Science*, 974:643–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lin:1995:FFI

[890] H. Lin and A. N. Venetsanopoulos. Fast fractal image coding using pyramids. *Lecture Notes in Computer Science*, 974:649–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kurianski:1995:HMD

[891] A. Kurianski and M. Nieniewski. Hidden MRF detection of motion of objects with uniform brightness. *Lecture Notes in Computer Science*, 974:657–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Saito:1995:MAS

[892] T. Saito and T. Komatsu. Motion analysis and segmentation for object-oriented mid-level image representation. *Lecture Notes in Computer Science*, 974:663–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boeroeczky:1995:SNF

[893] L. Boeroeczky, R. Fioravanti, S. Fioravanti, and D. D. Giusto. Speckle noise filtering in SAR images using wavelets. *Lecture Notes in Computer Science*, 974:671–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bolla:1995:PST

[894] R. Bolla, M. Marchese, C. Nobile, and S. Zappatore. Prediction of short-term evolution of cloud formations based on meteosat image sequences. *Lecture Notes in Computer Science*, 974:677–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Praud:1995:PIS

[895] S. Praud, P. Germain, and J. Plantier. Prototyping of interactive satellite image analysis tools using a real-time data-flow computer. *Lecture Notes in Computer Science*, 974:683–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marti:1995:SAI

[896] F. Marti and M. Naldi. Simulation of aircraft images for airport surface traffic control. *Lecture Notes in Computer Science*, 974:689–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ossola:1995:CKB

[897] J.-C. Ossola and M. Thonnat. Cooperation of knowledge based systems for galaxy classification. *Lecture Notes in Computer Science*, 974:697–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wendling:1995:FSS

[898] L. Wendling, M. Zehana, and J. Desachy. Fuzzy segmentation and structural knowledge for satellite image analysis. *Lecture Notes in Computer Science*, 974:703–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiMartino:1995:DLL

[899] J.-C. Di Martino and S. Tabbone. Detection of lofar lines. *Lecture Notes in Computer Science*, 974:709–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tesei:1995:FOO

[900] A. Tesei, A. Trucco, and D. Zambonini. A fast object orientation estimation and recognition technique for underwater acoustic imaging. *Lecture Notes in Computer Science*, 974:715–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Semmar:1995:ACC

[901] N. Semmar. Applying contextual constraints to extract symbolic representation for image understanding. *Lecture Notes in Computer Science*, 974: 721–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Greig:1995:AHT

[902] A. R. Greig. Application of the Hough transform for weld inspection underwater. *Lecture Notes in Computer Science*, 974:731–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Darboux:1995:DAB

[903] M. Darboux and J.-M. Dinten. Development of an automated bond verification system for advanced electronic packages. *Lecture Notes in Computer Science*, 974:737–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bruzzone:1995:CDM

[904] L. Bruzzone, F. Roli, and S. B. Serpico. Crack detection by a mesure of texture anisotropy. *Lecture Notes in Computer Science*, 974:743–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barni:1995:VSA

[905] M. Barni, V. Cappellini, and A. Mecocci. A vision system for automatic inspection of meat quality. *Lecture Notes in Computer Science*, 974:748–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stansfield:1995:DNF

[906] A. Stansfield and I. Page. The design of a new FPGA architecture. *Lecture Notes in Computer Science*, 975:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Payne:1995:STF

[907] R. Payne. Self-timed FPGA systems. *Lecture Notes in Computer Science*, 975:21–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Churcher:1995:XFP

[908] S. Churcher, T. Kean, and B. Wilkie. XC6200 Fastmap[TM] processor interface. *Lecture Notes in Computer Science*, 975:36–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Snider:1995:TCC

[909] G. Snider, P. Kuekes, W. B. Culbertson, and R. J. Carter. The Teramac configurable computer engine. *Lecture Notes in Computer Science*, 975:44–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miyazaki:1995:TOF

[910] T. Miyazaki, K. Yamada, A. Tsutsui, and H. Nakada. Telecommunication-oriented FPGA and dedicated CAD system. *Lecture Notes in Computer Science*, 975:54–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dunn:1995:CLP

[911] P. Dunn. A configurable logic processor for machine vision. *Lecture Notes in Computer Science*, 975:68–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schulz:1995:EDB

[912] P. Schulz. Extending DSP-Boards with FPGA-Based structures of interconnection. *Lecture Notes in Computer Science*, 975:78–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rachakonda:1995:HSR

[913] R. V. Rachakonda, P. M. Athanas, and A. L. Abbott. High-speed region detection and labeling using an FPGA based custom computing platform. *Lecture Notes in Computer Science*, 975:86–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beaumont:1995:UFC

[914] C. Beaumont. Using FPGAs as control support in MIMD executions. *Lecture Notes in Computer Science*, 975:94–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guerrero:1995:CHB

[915] F. Guerrero and J. M. Noras. Customised hardware based on the REDOC III algorithm for high-performance date ciphering. *Lecture Notes in Computer Science*, 975:104–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lawrence:1995:URH

[916] A. Lawrence, A. Kay, W. Luk, and T. Nomura. Using reconfigurable hardware to speed up product development and performance. *Lecture Notes in Computer Science*, 975:111–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Casselman:1995:CHO

[917] S. Casselman, M. Thornburg, and J. Schewel. Creation of hardware objects in a reconfigurable computer. *Lecture Notes in Computer Science*, 975:119–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turner:1995:RHP

[918] L. E. Turner and P. J. W. Graumann. Rapid hardware prototyping of digital signal processing systems using FPGAs. *Lecture Notes in Computer Science*, 975:129–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Naseer:1995:DMM

[919] A. R. Naseer, M. Balakrishnan, and A. Kumar. Delay minimal mapping of RTL structures onto LUT based FPGAs. *Lecture Notes in Computer Science*, 975:139–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boemo:1995:SNP

[920] E. I. Boemo, G. Gonzalez de Rivera, S. Lopez-Buedo, and J. M. Meneses. Some notes on power management on FPGA-Based systems. *Lecture Notes in Computer Science*, 975:149–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dimond:1995:ATR

[921] K. Dimond. An automatic technique for realising user interaction processing in PLD based systems. *Lecture Notes in Computer Science*, 975:158–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fields:1995:PUH

[922] C. A. Fields. The proper use of hierarchy in HDL-Based high density FPGA design. *Lecture Notes in Computer Science*, 975:168–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marnane:1995:CRA

[923] W. P. Marnane, C. N. Jordan, and F. J. O'Reilly. Compiling regular arrays onto FPGAs. *Lecture Notes in Computer Science*, 975:178–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guo:1995:CRF

[924] S. Guo and W. Luk. Compiling Ruby into FPGAs. *Lecture Notes in Computer Science*, 975:188–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Greaves:1995:CVC

[925] D. Greaves. The CSYN verilog compiler and other tools. *Lecture Notes in Computer Science*, 975:198–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gschwind:1995:VDM

[926] M. Gschwind and V. Salapura. A VHDL design methodolgy for FPGAs. *Lecture Notes in Computer Science*, 975:208–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Khosravipour:1995:VBR

[927] M. Khosravipour and H. Gruenbacker. VHDL-Based rapid hardware prototyping using FPGA technology. *Lecture Notes in Computer Science*, 975:218–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weinhardt:1995:IPP

[928] M. Weinhardt. Integer programming for partitioning in software oriented codesign. *Lecture Notes in Computer Science*, 975:227–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ahrens:1995:TSS

[929] K. Ahrens. Test standard serves dual role as on-board programming solution. *Lecture Notes in Computer Science*, 975:235–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zahm:1995:AMI

[930] U. Zahm, T. Hollstein, H.-J. Herpel, and N. Wehn. Advanced method for industry related education with an FPGA design self-learning kit. *Lecture Notes in Computer Science*, 975:241–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jebelean:1995:FIR

[931] T. Jebelean. FPGA implementation of a rational adder. *Lecture Notes in Computer Science*, 975:251–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klindworth:1995:FIC

[932] A. Klindworth. FPLD implementation of computation over finite fields GF(20m) with applications to error control coding. *Lecture Notes in Computer Science*, 975:261–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Panneerselvam:1995:IFF

[933] G. Panneerselvam, P. J. W. Graumann, and L. E. Turner. Implementation of fast Fourier transforms

and discrete cosine transforms in FPGAs. *Lecture Notes in Computer Science*, 975:272–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shirazi:1995:IDF

[934] N. Shirazi, P. M. Athanas, and A. L. Abbott. Implementation of a 2-D fast Fourier transform on an FPGA-Based custom computing machine. *Lecture Notes in Computer Science*, 975:282–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Petersen:1995:ASF

[935] R. J. Petersen and B. L. Hutchings. An assessment of the suitability of FPGA-Based systems for use in digital signal processing. *Lecture Notes in Computer Science*, 975:293–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:FPM

[936] P. Lee. An FPGA prototype for a multiplierless FIR filter built using the logarithmic number system. *Lecture Notes in Computer Science*, 975:303–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turner:1995:BSF

[937] L. E. Turner, P. J. W. Graumann, and S. G. Gibb. BIT-Serial FIR filters with CSD coefficients for FPGAs. *Lecture Notes in Computer Science*, 975:311–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Atia:1995:SVT

[938] M. Atia, J. Bowles, D. W. Clarke, and M. P. Henry. A self-validating temperature sensor implemented in FPGAs. *Lecture Notes in Computer Science*, 975:321–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wenban:1995:DIL

[939] A. Wenban, G. Brown, and J. O'Leary. Developing interface libraries for reconfigurable data acquisition boards. *Lecture Notes in Computer Science*, 975:331–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Herpel:1995:PGA

[940] H.-J. Herpel, U. Ober, and M. Glesner. Prototype generation of application-specific emedded controllers for microsystems. *Lecture Notes in Computer Science*, 975:341–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Graham:1995:HGA

[941] P. Graham and B. Nelson. A hardware genetic algorithm for the travelling salesman problem on SPLASH 2. *Lecture Notes in Computer Science*, 975:352–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corba:1995:MAR

[942] M. Corba and Z. Ninkov. Modular architecture for real-time astronomical image processing with FPGAs. *Lecture Notes in Computer Science*, 975:362–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Woodward:1995:PSR

[943] D. R. Woodward, I. Page, D. C. Levy, and R. G. Harley. A programmable I/O system for real-time AC drive control applications. *Lecture Notes in Computer Science*, 975:370–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cuddapah:1995:RLF

[944] R. Cuddapah and M. Corba. Reconfigurable logic for fault-tolerance. *Lecture Notes in Computer Science*, 975: 380–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guccione:1995:SRA

[945] S. A. Guccione and M. J. Gonzalez. Supercomputing with reconfigurable architectures. *Lecture Notes in Computer Science*, 975:389–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gokhale:1995:ASP

[946] M. Gokhale and A. Marks. Automatic synthesis of parallel programs targeted to dynamically reconfigurable logic arrays. *Lecture Notes in Computer Science*, 975:399–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lysaght:1995:PED

[947] P. Lysaght, H. Dick, G. McGregor, and D. McConnell. Prototyping environment for dynamically reconfigurable logic. *Lecture Notes in Computer Science*, 975:409–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hutchings:1995:IAR

[948] B. L. Hutchings and M. J. Wirthlin. Implementation approaches for reconfigurable logic applications. *Lecture Notes in Computer Science*, 975:419–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brebner:1995:URV

[949] G. Brebner and J. Gray. Use of reconfigurability in variable-length code detection at video rates. *Lecture Notes in Computer Science*, 975:429–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guccione:1995:CPR

[950] S. A. Guccione and M. Gonzalez. Classification and performance of reconfigurable architectures. *Lecture Notes in Computer Science*, 975:439–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ajili:1995:CSL

[951] F. Ajili and E. Contejean. Complete solving of linear Diophantine equations and inequations without adding variables. *Lecture Notes in Computer Science*, 976:1–17, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Domenjoud:1995:EMA

[952] E. Domenjoud and A. P. Tomas. From Elliott-MacMahon to an algorithm for general linear constraints on naturals. *Lecture Notes in Computer Science*, 976:18–35, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1995:PPP

[953] B. M. Smith, S. C. Brailsford, P. M. Hubbard, and H. P. Williams. The progressive party problem: Integer linear programming and constraint programming compared. *Lecture Notes in Computer Science*, 976:36–52, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koubarakis:1995:LGC

[954] M. Koubarakis. From local to global consistency in temporal constraint networks. *Lecture Notes in Computer Science*, 976:53–69, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gent:1995:SEC

[955] I. P. Gent, E. MacIntyre, P. Prosser, and T. Walsh. Scaling effects in the CSP phase transition. *Lecture Notes in Computer Science*, 976:70–87, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yokoo:1995:AWC

[956] M. Yokoo. Asynchronous weak-commitment search for solving distributed constraint satisfaction problems. *Lecture Notes in Computer Science*, 976:88–102, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larrosa:1995:OBH

[957] J. Larrosa and P. Meseguer. Optimization-based heuristics for maximal constraint satisfaction. *Lecture Notes in Computer Science*, 976:103–120, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grumbach:1995:FOD

[958] S. Grumbach and J. Su. First-order definability over constraint databases. *Lecture Notes in Computer Science*, 976:121–136, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goldin:1995:SQT

[959] D. Q. Goldin and P. C. Kanellakis. On similarity queries for time-series data: Constraint specification and implementation. *Lecture Notes in Computer Science*, 976:137–153, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Revesz:1995:SSD

[960] P. Z. Revesz. Safe stratified datalog with integer order programs. *Lecture Notes in Computer Science*, 976:154–169, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maher:1995:CD

[961] M. J. Maher. Constrained dependencies. *Lecture Notes in Computer Science*, 976:170–185, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Girodias:1995:SLM

[962] P. Girodias, E. Cerny, and W. J. Older. Solving linear, min and max constraint systems using CLP based on relational interval arithmetic. *Lecture Notes in Computer Science*, 976:186–203, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meier:1995:DCP

[963] M. Meier. Debugging constraint programs. *Lecture Notes in Computer Science*, 976:204–221, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kelly:1995:OCC

[964] A. D. Kelly, A. Macdonald, K. Marriott, and H. Soendergaard. An optimizing compiler for CLP(R). *Lecture Notes in Computer Science*, 976:222–239, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dechter:1995:LGR

[965] R. Dechter and P. Van Beek. Local and global relational consistency. *Lecture Notes in Computer Science*, 976:240–257, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bacchus:1995:DVO

[966] F. Bacchus and P. Van Run. Dynamic variable ordering in CSPs. *Lecture Notes in Computer Science*, 976:258–275, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jeavons:1995:UFT

[967] P. Jeavons, D. Cohen, and M. Gyssens. A unifying framework for tractable constraints. *Lecture Notes in Computer Science*, 976:276–291, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bacchus:1995:FCA

[968] F. Bacchus and A. Grove. On the forward checking algorithm. *Lecture Notes in Computer Science*, 976:292–309, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marriott:1995:CCC

[969] K. Marriott and M. Odersky. A confluent calculus for concurrent constraint programming with guarded choice. *Lecture Notes in Computer Science*, 976:310–327, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Podelski:1995:SS

[970] A. Podelski and G. Smolka. Situated simplification. *Lecture Notes in Computer Science*, 976:328–344, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Codognet:1995:GCD

[971] C. Codognet and P. Codognet. Guarded constructive disjunction: Angel or demon? *Lecture Notes in Computer Science*, 976:345–361, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zaffanella:1995:DIA

[972] E. Zaffanella. Domain independent ask approximation in CCP. *Lecture Notes in Computer Science*, 976:362–379, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baader:1995:CSC

[973] F. Baader and K. U. Schulz. On the combination of symbolic constraints, solution domains, and con-

straint solvers. *Lecture Notes in Computer Science*, 976:380–397, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1995:CPM

[974] J. Zhang and H. Zhang. Constraint propagation in model generation. *Lecture Notes in Computer Science*, 976:398–414, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Werner:1995:NNW

[975] A. Werner. Normalizing narrowing for weakly terminating and confluent systems. *Lecture Notes in Computer Science*, 976:415–430, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Colussi:1995:TCL

[976] L. Colussi, E. Marchiori, and M. Marchiori. On termination of constraint logic programs. *Lecture Notes in Computer Science*, 976:431–448, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Simonis:1995:MPC

[977] H. Simonis and T. Cornelissens. Modelling producer/consumer constraints. *Lecture Notes in Computer Science*, 976:449–462, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sabin:1995:CBA

[978] D. Sabin, M. C. Sabin, R. D. Russell, and E. C. Freuder. A constraint-based approach to diagnosing software problems in computer networks. *Lecture Notes in Computer Science*, 976:463–480, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guerinik:1995:SCS

[979] N. Guerinik and M. Van Caneghem. Solving crew scheduling problems by constraint programming. *Lecture Notes in Computer Science*, 976:481–498, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paltrinieri:1995:VCP

[980] M. Paltrinieri. A visual constraint-programming environment. *Lecture Notes in Computer Science*, 976:499–514, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rauzy:1995:PRS

[981] A. Rauzy. Polynomial restrictions of SAT: What can be done with an efficient implementation of the Davis and Putnam's procedure? *Lecture Notes in Computer Science*, 976:515–532, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Prestwich:1995:IBB

[982] S. Prestwich and S. Mudambi. Improved branch and bound in constraint logic programming. *Lecture Notes in Computer Science*, 976:533–548, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goltz:1995:RDS

[983] H.-J. Goltz. Reducing domains for search in CLP(FD) and its application to job-shop scheduling. *Lecture Notes in Computer Science*, 976:549–562,

1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buchberger:1995:WSC

[984] B. Buchberger. What is symbolic computation? *Lecture Notes in Computer Science*, 976:563–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanHentenryck:1995:CSC

[985] P. Van Hentenryck. Constraint solving for combinatorial search problems: A tutorial. *Lecture Notes in Computer Science*, 976:564–587, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Saraswat:1995:CCP

[986] V. Saraswat. The concurrent constraint programming research programmes. *Lecture Notes in Computer Science*, 976:588–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bjoerner:1995:AGI

[987] N. Bjoerner, A. Browne, and Z. Manna. Automatic generation of invariants and intermediate assertions. *Lecture Notes in Computer Science*, 976:589–623, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Borning:1995:OCS

[988] A. Borning and B. N. Freeman-Benson. The OTI constraint solver: A constraint library for constructing interactive graphical user interfaces. *Lecture Notes in Computer Science*, 976:624–628, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fromherz:1995:MBC

[989] M. P. J. Fromherz and V. A. Saraswat. Model-based computing: Using concurrent constraint programming for modeling and model compilation. *Lecture Notes in Computer Science*, 976:629–635, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meier:1995:CE

[990] M. Meier and A. Herold. CLP in ECRC. *Lecture Notes in Computer Science*, 976:636–639, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Touraivane:1995:CPI

[991] Touraïvane. Constraint programming and industrial applications. *Lecture Notes in Computer Science*, 976:640–642, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Simonis:1995:CSA

[992] H. Simonis. The CHIP system and its applications. *Lecture Notes in Computer Science*, 976:643–646, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Puget:1995:ACP

[993] J.-F. Puget. Applications of constraint programming. *Lecture Notes in Computer Science*, 976:647–650, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steinmetz:1995:ECS

[994] R. Steinmetz and L. C. Wolf. Evaluation of a CPU scheduling mechanism

for synchronized multimedia streams. *Lecture Notes in Computer Science*, 977:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boulos:1995:AST

[995] J. Boulos and D. Boudigue. An application of SMART2: A tool for performance evaluation of relational DataBase programs. *Lecture Notes in Computer Science*, 977:11–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsai:1995:MFT

[996] T. K. Tsai and R. K. Iyer. Measuring fault tolerance with the FTAPE fault injection tool. *Lecture Notes in Computer Science*, 977:26–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vinck:1995:QAD

[997] B. Vinck and H. Bruneel. Queueing analysis of discrete-time buffer systems with compound arrival process and variable service capacity. *Lecture Notes in Computer Science*, 977:41–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paterok:1995:MMH

[998] M. Paterok, P. Dauphin, and U. Herzog. The method of moments for higher moments and the usefulness of formula manipulation systems. *Lecture Notes in Computer Science*, 977:56–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Langer:1995:IPE

[999] U. Langer. Integration of performance evaluations in the design process of CPUs and computer systems. *Lecture Notes in Computer Science*, 977:71–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Williams:1995:IRS

[1000] L. G. Williams and C. U. Smith. Information requirements for software performance engineering. *Lecture Notes in Computer Science*, 977:86–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pooley:1995:IBS

[1001] R. Pooley. Integrating behavioural and simulation modelling. *Lecture Notes in Computer Science*, 977:102–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dunlop:1995:AGM

[1002] J. Dunlop. Assessment of 3rd generation mobile systems by simulation. *Lecture Notes in Computer Science*, 977: 117–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Herrmann:1995:HGS

[1003] C. Herrmann. How good is stationary analysis for the transient phenomena of connection admission in ATM? *Lecture Notes in Computer Science*, 977:135–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buchholz:1995:EAA

[1004] P. Buchholz. On the exact and approximate analysis of hierarchical discrete time queueing networks. *Lecture Notes in Computer Science*, 977:150–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Telek:1995:SSA

[1005] M. Telek, A. Bobbio, L. Jereb, and A. Puliafito. Steady state analysis of Markov regenerative SPN with age memory policy. *Lecture Notes in Computer Science*, 977:165–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Touzene:1995:NIM

[1006] A. Touzene. A new iterative method for solving large-scale Markov chains. *Lecture Notes in Computer Science*, 977: 180–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

German:1995:TAD

[1007] R. German and J. Mitzlaff. Transient analysis of deterministic and stochastic Petri nets with TimeNET. *Lecture Notes in Computer Science*, 977:209–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bause:1995:QTS

[1008] F. Bause, P. Buchholz, and P. Kemper. QPN-Tool for the specification and analysis of hierarchically combined queueing Petri nets. *Lecture Notes in Computer Science*, 977:224–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haverkort:1995:AAN

[1009] B. R. Haverkort. Approximate analysis of networks of PHdPHd1dK queues: Theory and tool support. *Lecture Notes in Computer Science*, 977:239–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mohr:1995:SIP

[1010] B. W. Mohr, A. D. Malony, and K. Shanmugam. Speedy: An integrated performance extrapolation tool for pC++ programs. *Lecture Notes in Computer Science*, 977:254–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dauphin:1995:HTA

[1011] P. Dauphin and R. Hofmann. Hasse: a tool for analyzing causal relationships in parallel and distributed systems. *Lecture Notes in Computer Science*, 977:269–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brehm:1995:PPP

[1012] J. Brehm, M. Madhukar, E. Smirni, and L. Dowdy. PerPreT — A performance prediction tool for massively parallel systems. *Lecture Notes in Computer Science*, 977:284–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanGemund:1995:CTP

[1013] A. J. C. Van Gemund. Compile-time performance prediction of parallel systems. *Lecture Notes in Computer Science*, 977:299–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raghavan:1995:WMM

[1014] S. V. Raghavan, P. J. Joseph, and G. Haring. Workload models for multiwindow distributed environments. *Lecture Notes in Computer Science*, 977: 314–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lang:1995:BHC

[1015] M. Lang, M. Stuempfle, and H. Kocher. Building a hierarchical CAN-Simulator using an object-oriented environment. *Lecture Notes in Computer Science*, 977:327–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferscha:1995:POD

[1016] A. Ferscha and A. D. Malony. Performance-oriented development of irregular, unstructured and unbalanced parallel applications in the N-MAP environment. *Lecture Notes in Computer Science*, 977:340–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hills:1995:PED

[1017] G. Hills, J. Rolia, and G. Serazzi. Performance engineering of distributed software process architectures. *Lecture Notes in Computer Science*, 977:357–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hermanns:1995:PEC

[1018] O. Hermanns. Performance evaluation of connectionless multicast protocols for cooperative multimedia applications. *Lecture Notes in Computer Science*, 977:372–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lindemann:1995:MRM

[1019] C. Lindemann and F. Schoen. Modeling relaxed memory consistency protocols. *Lecture Notes in Computer Science*, 977:385–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fasbender:1995:MME

[1020] A. Fasbender and P. Davids. Measurement, modelling and emulation of Internet round-trip delays. *Lecture Notes in Computer Science*, 977:401–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bhargava:1995:CCD

[1021] B. Bhargava and M. Annamalai. Communication costs in digital library databases. *Lecture Notes in Computer Science*, 978:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dogac:1995:MOO

[1022] A. Dogac, M. Altinel, C. Ozkan, and B. Arpinar. METU object-oriented DBMS kernel. *Lecture Notes in Computer Science*, 978:14–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jun:1995:DIS

[1023] Y. S. Jun and S. I. Yoo. Design and implementation of the spareC++ OODBPL. *Lecture Notes in Computer Science*, 978:28–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kusch:1995:GUV

[1024] J. Kusch, P. Hartel, T. Hartmann, and G. Saake. Gaining a uniform view of different integration aspects in a prototyping environment. *Lecture Notes in Computer Science*, 978:38–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1995:FBA

[1025] J. Yang and M. Papazoglou. A frame-based approach for interoperation support in multidatabase systems. *Lecture Notes in Computer Science*, 978:48–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coenen:1995:DDD

[1026] F. P. Coenen, I. Finch, M. J. R. Shave, and T. J. M. Bench-Capon. Developing distributed database applications using TSL. *Lecture Notes in Computer Science*, 978:58–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boehm:1995:PCD

[1027] C. Boehm, A. Oppitz, P. Vogel, and S. Wiesener. Prints of the 17th century in a distributed digital library system. *Lecture Notes in Computer Science*, 978:68–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

PastorLopez:1995:OVC

[1028] O. Pastor Lopez, I. Ramos Salavert, and J. H. Canos Cerda. OASIS v2: A class definition language. *Lecture Notes in Computer Science*, 978:79–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

SouzadosSantos:1995:DIO

[1029] C. Souza dos Santos. Design and implementation of object-oriented views. *Lecture Notes in Computer Science*, 978:91–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiLoreto:1995:VOO

[1030] F. Di Loreto, F. Ferri, F. Massari, and M. Rafanelli. A visual object-oriented query language for geographic information systems. *Lecture Notes in Computer Science*, 978:103–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kagawa:1995:CEQ

[1031] O. Kagawa, K. Katayama, S. Konomi, and Y. Kambayashi. Capturing essential questions using question support facilities in the VIEW classroom. *Lecture Notes in Computer Science*, 978:114–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeKorvin:1995:FMM

[1032] A. De Korvin, G. Quirchmayr, and S. Hashemi. A fuzzy model of managerial decision making incorporating risk and ambiguity aversion. *Lecture Notes in Computer Science*, 978:124–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krueger:1995:POS

[1033] T. Krueger, G. Kurian, A. Nair, and G. Neumann. People oriented soft-

ware technology, and its use in environmental reporting. *Lecture Notes in Computer Science*, 978:136–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hameurlain:1995:CEP

[1034] A. Hameurlain and F. Morvan. A cost evaluator for parallel database systems. *Lecture Notes in Computer Science*, 978:146–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tan:1995:PSD

[1035] K.-L. Tan and J. X. Yu. A performance study of declustering strategies for parallel spatial databases. *Lecture Notes in Computer Science*, 978:157–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kempe:1995:BOO

[1036] J. Kempe, W. Kowarschick, W. Kiessling, and R. Hitzelberger. Benchmarking object-oriented database systems for CAD. *Lecture Notes in Computer Science*, 978:167–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pernul:1995:CRF

[1037] G. Pernul and H. Hasenauer. Combining reverse with forward database engineering — a step forward to solve the legacy system dilemma. *Lecture Notes in Computer Science*, 978:177–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Darmont:1995:PEC

[1038] J. Darmont, A. Attoui, and M. Gourgand. Performance evaluation for clustering algorithms in object-oriented database systems. *Lecture Notes in Computer Science*, 978:187–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Naqvi:1995:AAD

[1039] W. Naqvi and S. Panyiotou. Applied active databases for evolving image processing algorithms. *Lecture Notes in Computer Science*, 978:197–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beattie:1995:SRG

[1040] B. Beattie, F. Coenen, T. J. M. Bench-Capon, and B. M. Diaz. Spatial reasoning for GIS using a tesseral data representation. *Lecture Notes in Computer Science*, 978:207–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1995:NDS

[1041] J.-K. Kim and J.-W. Chang. A new dynamic signature file method in parallel processing environment. *Lecture Notes in Computer Science*, 978:217–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yahata:1995:GPC

[1042] C. Yahata and M. Takizawa. General protocols for consensus in distributed systems. *Lecture Notes in Computer Science*, 978:227–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Naja:1995:MRA

[1043] H. Naja and N. Mouaddib. The multiple representation in an architectural application. *Lecture Notes in Computer Science*, 978:237–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Breche:1995:SSC

[1044] P. Breche, F. Ferrandina, and M. Kuklok. Simulation of schema change using views. *Lecture Notes in Computer Science*, 978:247–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Francois:1995:SHR

[1045] P. François and P. Bazex. SGML/HyTime repositories: Requirements and data modelling using object-oriented database concepts. *Lecture Notes in Computer Science*, 978:259–271, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Macleod:1995:DST

[1046] I. A. Macleod and D. Narine. A depository for structured text objects. *Lecture Notes in Computer Science*, 978:272–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Signore:1995:IHD

[1047] O. Signore. Issues on hypertext design. *Lecture Notes in Computer Science*, 978:283–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Becker:1995:TLB

[1048] P. Becker. A temporal logic based approach for querying lists, trees, and DAG's in databases. *Lecture Notes in Computer Science*, 978:293–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buccafurri:1995:DOL

[1049] F. Buccafurri, N. Leone, L. Palopoli, and P. Rullo. Disjunctive ordered logic. *Lecture Notes in Computer Science*, 978:303–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Du:1995:ART

[1050] X. Du and N. Ishii. An algebraic rewriting theorem of multiple linear recursions and its applications. *Lecture Notes in Computer Science*, 978:313–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bhargava:1995:LAS

[1051] B. Bhargava and S. Goel. A layered architecture for supporting objects in a relational system: A performance study. *Lecture Notes in Computer Science*, 978:323–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bellavia:1995:SES

[1052] G. Bellavia, D. Maio, and S. Rizzi. An SQL extension supporting user viewpoints. *Lecture Notes in Computer Science*, 978:334–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boucher:1995:KKB

[1053] C. Boucher, C. Daul, P. Graebling, and E. Hirsch. KBED: a knowledge-based edge detection system. *Lecture Notes in Computer Science*, 978:344–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Debenham:1995:UES

[1054] J. Debenham. Understanding expert systems maintenance. *Lecture Notes in Computer Science*, 978:354–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abel:1995:ECB

[1055] M. Abel, E. B. Reategui, J. M. V. De Castilho, and J. Campbell. Evaluating case-based reasoning in a geological domain. *Lecture Notes in Computer Science*, 978:364–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bardis:1995:ELS

[1056] L. Bardis, G. Grigoropoulos, S. Kokkotos, and T. Loukakis. An expert loading system for chemical and product carriers. *Lecture Notes in Computer Science*, 978:374–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gazzotti:1995:FFL

[1057] D. Gazzotti, L. Piancastelli, C. Sartori, and D. Beneventano. FuzzyBase: A fuzzy logic aid for relational database queries. *Lecture Notes in Computer Science*, 978:385–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mechkour:1995:EEM

[1058] M. Mechkour. EMIR02: An extended model for image representation and retrieval. *Lecture Notes in Computer Science*, 978:395–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fleury:1995:REK

[1059] L. Fleury, C. Djeraba, H. Briand, and J. Philippe. Rule evaluations in a KDD system. *Lecture Notes in Computer Science*, 978:405–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miller:1995:OOK

[1060] A. M. J. Miller, W. A. Gray, and N. J. Fiddian. Object-oriented knowledge based imputation. *Lecture Notes in Computer Science*, 978:415–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Motro:1995:KOE

[1061] A. Motro and S. Goullioud. Knowledge organization for exploration. *Lecture Notes in Computer Science*, 978: 426–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cesarini:1995:DEF

[1062] F. Cesarini, M. Gori, S. Marinai, and G. Soda. Data extraction from form images. *Lecture Notes in Computer Science*, 978:438–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choquette:1995:CLH

[1063] M. Choquette, D. Poulin, and P. Bratley. Compiling legal hypertexts. *Lecture Notes in Computer Science*, 978: 449–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eaglestone:1995:CTI

[1064] B. Eaglestone. Composition tools integration with a music database system. *Lecture Notes in Computer Science*, 978:459–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Soutou:1995:RDR

[1065] C. Soutou. Relational database reverse engineering: Extraction of an IFO2 schema. *Lecture Notes in Computer Science*, 978:469–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Suekan:1995:ESO

[1066] E. Suekan and Z. M. Oezsoyoglu. Extended set operators for nested relations and complex objects. *Lecture Notes in Computer Science*, 978:479–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aritsugi:1995:SIP

[1067] M. Aritsugi, K. Teramoto, G. Bai, and A. Makinouchi. Several implementations of persistent pointers in a memory-mapped I/O environment. *Lecture Notes in Computer Science*, 978:490–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choenni:1995:TTP

[1068] S. Choenni, H. Wagterveld, H. M. Blanken, and T. Chang. TOPYDE: A tool for physical database design. *Lecture Notes in Computer Science*, 978: 502–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sohn:1995:TST

[1069] Y. Sohn and S. Moon. Tightly secure transaction scheduler in multilevel secure database management systems. *Lecture Notes in Computer Science*, 978:512–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ozkan:1995:HAO

[1070] C. Ozkan, A. Dogac, and C. Evrendilek. A heuristic approach for optimization of path expressions. *Lecture Notes in Computer Science*, 978:522–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gross:1995:PDD

[1071] T. Gross and R. Traunmueller. Problem dimensions in design of CSCW systems. *Lecture Notes in Computer Science*, 978:535–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kueng:1995:RDT

[1072] J. Kueng, R. Wagner, and W. Woess. A rule-driven transformation processor for bill of material data. *Lecture Notes in Computer Science*, 978:545–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:FVC

[1073] S.-H. Lee and Y. Kambayashi. Functions of VIEW conf to support dynamic features of meetings. *Lecture Notes in Computer Science*, 978:554–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maio:1995:CAP

[1074] D. Maio and S. Rizzi. CICERO: An assistant for planning visits to a museum. *Lecture Notes in Computer Science*, 978:564–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bauzer-Medeiros:1995:WWB

[1075] C. Bauzer-Medeiros, G. Vossen, and M. Weske. WASA: A workflow-based architecture to support scientific database applications. *Lecture Notes in Computer Science*, 978:574–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Winiwarter:1995:MMC

[1076] W. Winiwarter. MIDAS — the morphological component of the IDA system for efficient natural language interface design. *Lecture Notes in Computer Science*, 978:584–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Manolopoulos:1995:PMR

[1077] Y. Manolopoulos and A. Vakali. Partial match retrieval in two-headed disks. *Lecture Notes in Computer Science*, 978:594–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeFerreiraRezende:1995:CCN

[1078] F. De Ferreira Rezende and T. Haerder. Concurrency control in nested transactions with enhanced lock modes for KBMSs. *Lecture Notes in Computer Science*, 978:604–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Youssef:1995:MM

[1079] M. W. Youssef and N. Revell. A measure for measure. *Lecture Notes in Computer Science*, 978:614–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Teufel:1995:ISC

[1080] S. Teufel, J. H. P. Eloff, K. Bauknecht, and D. Karagiannis. Information security concepts in computer supported cooperative work. *Lecture Notes in Computer Science*, 978:621–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Preucil:1995:ISG

[1081] L. Preucil and P. Stepan. An intelligent self-guided vehicle for CIM systems. *Lecture Notes in Computer Science*, 978:632–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Campr:1995:ISO

[1082] V. Campr, Z. Kouba, and T. Vlcek. Information system for oncopathology: From an expert system to WWW. *Lecture Notes in Computer Science*, 978:642–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Even:1995:MCC

[1083] S. Even, G. Itkis, and S. Rajsbaum. On mixed connectivity certificates. *Lecture Notes in Computer Science*, 979:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baeumker:1995:TEP

[1084] A. Baeumker, W. Dittrich, and F. Meyer auf der Heide. Truly efficient parallel algorithms: c-optimal multisearch for an extension of the BSP model. *Lecture Notes in Computer Science*, 979:17–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaudhuri:1995:OPS

[1085] S. Chaudhuri and C. D. Zaroliagis. Optimal parallel shortest paths in small treewidth digraphs. *Lecture Notes in Computer Science*, 979:31–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Czumaj:1995:SMS

[1086] A. Czumaj, F. Meyer auf der Heide, and V. Stemann. Shared memory simulations with triple-logarithmic delay. *Lecture Notes in Computer Science*, 979:46–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Herley:1995:ISM

[1087] K. T. Herley, A. Pietracaprina, and G. Pucci. Implementing shared memory on multi-dimensional meshes and on the fat-tree. *Lecture Notes in Computer Science*, 979:60–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaufmann:1995:BWC

[1088] M. Kaufmann, J. F. Sibeyn, and T. Suel. Beyond the worst-case bisection bound: Fast sorting and ranking on meshes. *Lecture Notes in Computer Science*, 979:75–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chlebus:1995:FDS

[1089] B. S. Chlebus, L. Gasieniec, and A. Pelc. Fast deterministic simulation of computations on faulty parallel machines. *Lecture Notes in Computer Science*, 979:89–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Codenotti:1995:ACD

[1090] B. Codenotti, P. Gemmell, and J. Simon. Average circuit depth and average communication complexity. *Lecture Notes in Computer Science*, 979: 102–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gil:1995:PT

[1091] J. Gil and A. Itai. Packing trees. *Lecture Notes in Computer Science*, 979: 113–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deineko:1995:STE

[1092] V. G. Deineko, R. Rudolf, and G. J. Woeginger. Sometimes travelling is easy: The master tour problem. *Lecture Notes in Computer Science*, 979: 128–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Peer:1995:IGS

[1093] I. Pe'er and R. Shamir. Interval graphs with side (and size) constraints. *Lecture Notes in Computer Science*, 979: 142–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goldberg:1995:MSS

[1094] A. V. Goldberg and A. V. Karzanov. Maximum skew-symmetric flows. *Lecture Notes in Computer Science*, 979: 155–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Henzinger:1995:CFA

[1095] M. R. Henzinger and H. La Poutre. Certificates and fast algorithms for biconnectivity in fully-dynamic graphs. *Lecture Notes in Computer Science*, 979:171–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mehlhorn:1995:APS

[1096] K. Mehlhorn and V. Priebe. On the all-pairs shortest path algorithm of moffat and takaoka. *Lecture Notes in Computer Science*, 979:185–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Husfeldt:1995:FDT

[1097] T. Husfeldt. Fully dynamic transitive closure in plane dags with one source and one sink. *Lecture Notes in Computer Science*, 979:199–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Feng:1995:PCG

[1098] Q.-W. Feng, R. F. Cohen, and P. Eades. Planarity for clustered graphs. *Lecture Notes in Computer Science*, 979:213–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chor:1995:GAB

[1099] B. Chor and M. Sudan. A geometric approach to betweenness. *Lecture Notes in Computer Science*, 979:227–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papadopoulou:1995:ECG

[1100] E. Papadopoulou and D. T. Lee. Efficient computation of the geodesic Voronoi diagram of points in a simple polygon. *Lecture Notes in Computer Science*, 979:238–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBerg:1995:LSB

[1101] M. De Berg. Linear size binary space partitions for fat objects. *Lecture Notes in Computer Science*, 979:252–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chew:1995:GPM

[1102] L. P. Chew, D. Dor, A. Efrat, and K. Kedem. Geometric pattern matching in d-dimensional space. *Lecture Notes in Computer Science*, 979:264–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1995:FCD

[1103] Cao An Wang and F. Chin. Finding the constrained Delaunay triangulation and constrained Voronoi diagram of a simple polygon in linear-time. *Lecture Notes in Computer Science*, 979:280–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arge:1995:EMA

[1104] L. Arge, D. E. Vengroff, and J. S. Vitter. External-memory algorithms for processing line segments in geographic information systems. *Lecture Notes in Computer Science*, 979:295–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

FernandesBarbosa:1995:OBS

[1105] E. Fernandes Barbosa, G. Navarro, R. Baeza-Yates, and C. Perleberg. Optimized binary search and text retrieval. *Lecture Notes in Computer Science*, 979:311–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sutinen:1995:UGL

[1106] E. Sutinen and J. Tarhio. On using q-gram locations in approximate string matching. *Lecture Notes in Computer Science*, 979:327–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MeyeraufderHeide:1995:RBB

[1107] F. Meyer auf der Heide and C. Scheideler. Routing with bounded buffers and hot-potato routing in vertex-symmetric networks. *Lecture Notes in Computer Science*, 979:341–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Westbrook:1995:LBR

[1108] J. Westbrook. Load balancing for response time. *Lecture Notes in Computer Science*, 979:355–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berthome:1995:SSP

[1109] P. Berthome, T. Duboux, T. Hagerup, and I. Newman. Self-simulation for the passive optical star model. *Lecture Notes in Computer Science*, 979: 369–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Farach:1995:CAT

[1110] M. Farach, T. M. Przytycka, and M. Thorup. Computing the agreement of trees with bounded degrees. *Lecture Notes in Computer Science*, 979: 381–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yu:1995:AAF

[1111] B. Yu and J. Cheriyan. Approximation algorithms for feasible cut and multicut problems. *Lecture Notes in Computer Science*, 979:394–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Serna:1995:PVS

[1112] M. Serna and F. Xhafa. On parallel versus sequential approximation. *Lecture Notes in Computer Science*, 979: 409–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wagner:1995:EEA

[1113] F. Wagner and A. Wolff. An efficient and effective approximation algorithm for the map labeling problem. *Lecture Notes in Computer Science*, 979:420–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kloks:1995:ABA

[1114] T. Kloks, D. Kratsch, and H. Mueller. Approximating the bandwidth for asteroidal triple-free graphs. *Lecture Notes in Computer Science*, 979:434–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dubhashi:1995:NOD

[1115] D. Dubhashi and A. Panconesi. Near-optimal distributed edge coloring. *Lecture Notes in Computer Science*, 979: 448–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bern:1995:CPA

[1116] M. Bern, D. Eppstein, L. Guibas, and J. Hershberger. The centroid of points with approximate weights. *Lecture Notes in Computer Science*, 979:460–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schulz:1995:IPO

[1117] A. S. Schulz, R. Weismantel, and G. M. Ziegler. 0/1-Integer programming: Optimization and augmentation are equivalent. *Lecture Notes in Computer Science*, 979:473–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kalyanasundaram:1995:OTP

[1118] B. Kalyanasundaram and K. R. Pruhs. The online transportation problem. *Lecture Notes in Computer Science*, 979:484–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mutzel:1995:PAP

[1119] P. Mutzel. A polyhedral approach to planar augmentation and related problems. *Lecture Notes in Computer Science*, 979:494–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gerstel:1995:OLC

[1120] O. Gerstel, A. Wool, and S. Zaks. Optimal layouts on a chain ATM network. *Lecture Notes in Computer Science*, 979:508–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alou:1995:EDR

[1121] N. Alou, Z. Galil, and M. Yung. Efficient dynamic-resharing "verifiable secret sharing" against mobile adversary. *Lecture Notes in Computer Science*, 979:523–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aggarwal:1995:AVD

[1122] S. Aggarwal, J. A. Garay, and A. Herzberg. Adaptive video on demand. *Lecture Notes in Computer Science*, 979:538–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Poblete:1995:BTA

[1123] P. V. Poblete, J. I. Munro, and T. Papadakis. The binomial transform and its application to the analysis of skip lists. *Lecture Notes in Computer Science*, 979:554–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Damaschke:1995:OPA

[1124] P. Damaschke. An optimal parallel algorithm for digital curve segmentation using Hough polygons and monotone function search. *Lecture Notes in Computer Science*, 979:570–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klein:1995:FSC

[1125] R. Klein and A. Lingas. Fast skeleton construction. *Lecture Notes in Computer Science*, 979:582–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gautier:1995:RVI

[1126] T. Gautier, J. L. Roch, and G. Villard. Regular versus irregular problems and algorithms. *Lecture Notes in Computer Science*, 980:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Botorog:1995:ASA

[1127] G. H. Botorog and H. Kuchen. Algorithmic skeletons for adaptive multigrid methods. *Lecture Notes in Computer Science*, 980:27–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ujaldon:1995:RTT

[1128] M. Ujaldon, S. D. Sharma, J. Saltz, and E. L. Zapata. Run-time techniques for parallelizing sparse matrix problems. *Lecture Notes in Computer Science*, 980:43–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Auletta:1995:FEI

[1129] V. Auletta, A. Negro, and V. Scarano. Fast execution of irregularly structured programs with low communication frequency on the hypercube. *Lecture Notes in Computer Science*, 980:59–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krothapalli:1995:RTP

[1130] V. P. Krothapalli, T. Jeyaraman, and M. Giesbrecht. Run-time parallelization of irregular DOACROSS loops. *Lecture Notes in Computer Science*, 980:75–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hao:1995:ISG

[1131] B. Hao and D. Pearson. Instruction scheduling and global register allocation for SIMD multiprocessors. *Lecture Notes in Computer Science*, 980:81–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Manoharan:1995:GBA

[1132] S. Manoharan. General bounds for the assignment of irregular dependency graphs. *Lecture Notes in Computer Science*, 980:87–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sen:1995:NSD

[1133] R. K. Sen. A new scheme for dynamic processor assignment for irregular problems. *Lecture Notes in Computer Science*, 980:99–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aykanat:1995:EMF

[1134] C. Aykanat and I. Haritaoglu. An efficient mean field annealing formulation for mapping unstructured domains to hypercubes. *Lecture Notes in Computer Science*, 980:115–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Walshaw:1995:PMU

[1135] C. Walshaw, M. Cross, M. G. Everett, and S. Johnson. Partitioning and mapping of unstructured meshes to parallel machine topologies. *Lecture Notes in Computer Science*, 980:121–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fu:1995:ISP

[1136] C. Fu, T. Yang, and A. Gerasoulis. Integrating software pipelining and graph scheduling for iterative scientific computations. *Lecture Notes in Computer Science*, 980:127–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jansen:1995:AAT

[1137] K. Jansen and S. Oehring. Approximation algorithms for time constrained scheduling. *Lecture Notes in Computer Science*, 980:143–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boeres:1995:SAE

[1138] C. Boeres, G. Chochia, and P. Thanisch. On the scope of applicability of the ETF algorithm. *Lecture Notes in Computer Science*, 980:159–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Franca:1995:OMN

[1139] F. M. G. Franca and L. Faria. Optimal mapping of neighbourhood-constrained systems. *Lecture Notes in Computer Science*, 980:165–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cantor:1995:PPD

[1140] C. R. Cantor, T. Sano, N. E. Broude, and C. L. Smith. Parallel processing in DNA analysis. *Lecture Notes in Computer Science*, 980:171–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grant:1995:SCF

[1141] P. W. Grant, M. F. Webster, and X. Zhang. Solving computational fluid dynamics problems on unstructured grids with distributed parallel processing. *Lecture Notes in Computer Science*, 980:187–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Diekmann:1995:PDU

[1142] R. Diekmann, D. Meyer, and B. Monien. Parallel decomposition of unstructured FEM-Meshes. *Lecture Notes in Computer Science*, 980:199–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Garcia:1995:MPA

[1143] M. A. Garcia. Massively parallel approximation of irregular triangular meshes with G01 parametric surfaces. *Lecture Notes in Computer Science*, 980:217–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bubeck:1995:DSC

[1144] T. Bubeck, M. Hiller, W. Kuechlin, and W. Rosenstiel. Distributed symbolic computations with DTS. *Lecture Notes in Computer Science*, 980:231–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Das:1995:PPP

[1145] A. Das, L. E. Moser, and P. M. Melliar-Smith. A parallel processing paradigm for irregular applications. *Lecture Notes in Computer Science*, 980:249–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miguet:1995:LBS

[1146] S. Miguet and J.-M. Pierson. Load balancing strategies for a parallel system of particles. *Lecture Notes in Computer Science*, 980:255–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benaini:1995:RPA

[1147] A. Benaini, D. Laiymani, and G. R. Perrin. A reconfigurable parallel algorithm for sparse Cholesky factorization. *Lecture Notes in Computer Science*, 980:261–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Uhl:1995:AWA

[1148] A. Uhl. Adapted wavelet analysis on moderate parallel distributed memory MIMD architectures. *Lecture Notes in Computer Science*, 980:275–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tschoeke:1995:NPA

[1149] S. Tschoeke and N. Holthoefer. A new parallel approach to the constrained two-dimensional cutting stock problem. *Lecture Notes in Computer Science*, 980:285–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hasselbring:1995:UPL

[1150] W. Hasselbring and R. B. Fisher. Using the ProSet-Linda prototyping language for investigating MIMD algorithms for model matching in 3-D computer vision. *Lecture Notes in Computer Science*, 980:301–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pardalos:1995:PSC

[1151] P. M. Pardalos, L. Pitsoulis, T. Mavridou, and M. G. C. Resende. Parallel search for combinatorial optimization: Genetic algorithms, simulated annealing, tabu search and GRASP. *Lecture Notes in Computer Science*, 980:317–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sanders:1995:BAP

[1152] P. Sanders. Better algorithms for parallel backtracking. *Lecture Notes in Computer Science*, 980:333–??, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hopp:1995:PGT

[1153] H. Hopp and P. Sanders. Parallel game tree search on SIMD machines. *Lecture Notes in Computer Science*, 980:349–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBruin:1995:APB

[1154] A. De Bruin, G. A. P. Kindervater, and H. W. J. M. Trienekens. Asynchronous parallel branch and bound and anomalies. *Lecture Notes in Computer Science*, 980:363–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sanders:1995:FPQ

[1155] P. Sanders. Fast priority queues for parallel branch-and-bound. *Lecture Notes in Computer Science*, 980:379–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Correa:1995:PFG

[1156] R. Correa. A parallel formulation for general branch-and-bound algorithms. *Lecture Notes in Computer Science*, 980:395–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaelbling:1995:POM

[1157] L. P. Kaelbling, M. L. Littman, and A. R. Cassandra. Partially observable Markov decision processes for artificial intelligence. *Lecture Notes in Computer Science*, 981:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Menzel:1995:RPN

[1158] W. Menzel. Robust processing of natural language. *Lecture Notes in Computer Science*, 981:19–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bricken:1995:DN

[1159] W. Bricken. Distinction networks. *Lecture Notes in Computer Science*, 981: 35–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bajcsy:1995:PSS

[1160] R. Bajcsy and J. Kosecka. The problem of signal and symbol integration: A study of cooperative mobile autonomous agent behaviors. *Lecture Notes in Computer Science*, 981:49–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schroedl:1995:EEB

[1161] S. Schroedl. An extension of explanation-based generalization to negation as failure. *Lecture Notes in Computer Science*, 981:65–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Englert:1995:IIC

[1162] R. Englert. Inducing integrity constraints from knowledge bases. *Lecture Notes in Computer Science*, 981:77–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoetker:1995:DSL

[1163] W. Hoetker. Dynamic structuring of lexical knowledge in a reusability scenario. *Lecture Notes in Computer Science*, 981:89–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eckerle:1995:EML

[1164] J. Eckerle and S. Schuierer. Efficient memory-limited graph search. *Lecture Notes in Computer Science*, 981:101–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schnattinger:1995:QBT

[1165] K. Schnattinger, U. Hahn, and M. Klenner. Quality-based terminological reasoning for concept learning. *Lecture Notes in Computer Science*, 981:113–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bergmann:1995:PDL

[1166] F. W. Bergmann and J. J. Quantz. Parallelizing description logics. *Lecture Notes in Computer Science*, 981:137–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giesl:1995:ATP

[1167] J. Giesl. Automated termination proofs with measure functions. *Lecture Notes in Computer Science*, 981:149–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thielscher:1995:WSP

[1168] M. Thielscher. What is A skeptical proof? *Lecture Notes in Computer Science*, 981:161–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weydert:1995:DEP

[1169] E. Weydert. Default entailment — A preferential construction semantics for defeasible inference. *Lecture Notes in Computer Science*, 981:173–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanLinder:1995:AMY

[1170] B. Van Linder, W. Van der Hoek, and J.-J. C. Meyer. Actions that make you change your mind. *Lecture Notes in Computer Science*, 981:185–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Radzikowska:1995:RAA

[1171] A. Radzikowska. Reasoning about action with typical and atypical effects. *Lecture Notes in Computer Science*, 981:197–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lukaszewicz:1995:RAA

[1172] W. Lukaszewicz and E. Madalinska-Bugaj. Reasoning about action and change: Actions with abnormal effects. *Lecture Notes in Computer Science*, 981:209–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouzid:1995:TLB

[1173] M. Bouzid and A. Ligeza. Temporal logic based on characteristic functions. *Lecture Notes in Computer Science*, 981:221–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nebel:1995:CPQ

[1174] B. Nebel. Computational properties of qualitative spatial reasoning: First results. *Lecture Notes in Computer Science*, 981:233–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gapp:1995:EVM

[1175] K.-P. Gapp. An empirically validated model for computing spatial relations. *Lecture Notes in Computer Science*, 981:245–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Herzog:1995:IVL

[1176] G. Herzog. Integrating vision and language: Towards automatic description of human movements. *Lecture Notes in Computer Science*, 981:257–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeMoor:1995:GPS

[1177] O. De Moor. A generic program for sequential decision processes. *Lecture Notes in Computer Science*, 982:1–23, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marriott:1995:PVL

[1178] K. Marriott. Parsing visual languages with constraint multiset grammars. *Lecture Notes in Computer Science*, 982:24–25, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jones:1995:PCC

[1179] M. P. Jones. Programming with constructor classes. *Lecture Notes in Computer Science*, 982:26–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Douence:1995:TTF

[1180] R. Douence and P. Fradet. Towards a taxonomy of functional language implementations. *Lecture Notes in Computer Science*, 982:27–44, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kamareddine:1995:LCB

[1181] F. Kamareddine and A. Rios. A lambda-calculus à la De Bruijn with explicit substitutions. *Lecture Notes in Computer Science*, 982:45–62, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fassbender:1995:VIN

[1182] H. Fassbender. A verified implementation of narrowing. *Lecture Notes in Computer Science*, 982:63–80, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buetow:1995:NCS

[1183] B. Buetow, R. Giegerich, E. Ohlebusch, and S. Thesing. A new calculus for semantic matching. *Lecture Notes in Computer Science*, 982:81–96, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nakahara:1995:CNC

[1184] K. Nakahara, A. Middeldorp, and T. Ida. A complete narrowing calculus for higher-order functional logic programming. *Lecture Notes in Computer Science*, 982:97–114, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freire:1995:EPT

[1185] J. Freire, R. Hu, T. Swift, and D. S. Warren. Exploiting parallelism in tabled evaluations. *Lecture Notes in Computer Science*, 982:115–132, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dawson:1995:DIJ

[1186] S. Dawson, C. R. Ramakrishnan, and I. V. Ramakrishnan. Design and implementation of jump tables for fast indexing of logic programs. *Lecture Notes in Computer Science*, 982:133–150, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mehl:1995:AMO

[1187] M. Mehl, R. Scheidhauer, and C. Schulte. An abstract machine for oz. *Lecture Notes in Computer Science*, 982:151–168, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mycroft:1995:UPC

[1188] A. Mycroft and K. L. Solberg. Uniform PERs and comportment analysis. *Lecture Notes in Computer Science*, 982:169–188, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barendsen:1995:UTI

[1189] E. Barendsen and S. Smetsers. Uniqueness type inference. *Lecture Notes in Computer Science*, 982:189–206, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Massey:1995:MCM

[1190] B. C. Massey and E. Tick. Modes of comprehension: Mode analysis of arrays and array comprehensions. *Lecture Notes in Computer Science*, 982:207–222, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chin:1995:BCD

[1191] W.-N. Chin and S.-C. Khoo. Better consumers for deforestation. *Lecture Notes in Computer Science*, 982:223–240, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mohnen:1995:ECT

[1192] M. Mohnen. Efficient compile: Time garbage collection for arbitrary data structures. *Lecture Notes in Computer Science*, 982:241–258, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glueck:1995:EML

[1193] R. Glueck and J. Joergensen. Efficient multi-level generating extensions. *Lecture Notes in Computer Science*, 982:259–278, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hatcliff:1995:MVC

[1194] J. Hatcliff. Mechanically verifying the correctness of an offline partial evaluator. *Lecture Notes in Computer Science*, 982:279–298, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Henglein:1995:SMB

[1195] F. Henglein and D. Sands. A semantic model of binding times for safe partial evaluation. *Lecture Notes in Computer Science*, 982:299–320, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Noble:1995:GLF

[1196] R. Noble and C. Runciman. Gadgets: Lazy functional components for graphical user interfaces. *Lecture Notes in Computer Science*, 982:321–340, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vullinghs:1995:LGF

[1197] T. Vullinghs, D. Tuijnman, and W. Schulte. Lightweight GUIs for functional programming. *Lecture Notes in Computer Science*, 982:341–356, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McEvoy:1995:LLL

[1198] H. McEvoy and P. H. Hartel. Local linear logic for locality consciousness in multiset transformation. *Lecture Notes in Computer Science*, 982:357–379, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rety:1995:NFS

[1199] J.-H. Rety. The notion of floundering for SLDNF-Resolution revisited. *Lecture Notes in Computer Science*, 982:380–396, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arenas-Sanchez:1995:MSU

[1200] P. Arenas-Sanchez and A. Dovier. Minimal set unification. *Lecture Notes in Computer Science*, 982:397–414, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shimajiri:1995:GDQ

[1201] Y. Shimajiri, H. Seki, and H. Itoh. Goal-directed query processing in disjunctive logic databases. *Lecture Notes in Computer Science*, 982:415–430, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Colussi:1995:DSC

[1202] L. Colussi, E. Marchiori, and M. Marchiori. A dataflow semantics for constraint logic programs. *Lecture Notes in Computer Science*, 982:431–450, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Achten:1995:FFD

[1203] P. Achten. A functional framework for deterministically interleaved interactive programs. *Lecture Notes in Computer Science*, 982:451–452, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arenas-Sanchez:1995:DML

[1204] P. Arenas-Sanchez and A. Gil-Luezas. A debugging model for lazy narrow-

ing. *Lecture Notes in Computer Science*, 982:453–454, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burgues:1995:EEM

[1205] X. Burgues and X. Franch. Evaluation of expressions in a multiparadigm framework. *Lecture Notes in Computer Science*, 982:455–456, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hans:1995:EPI

[1206] W. Hans, F. Saenz, and S. Winkler. An expression-or-parallel implementation for a functional logic language. *Lecture Notes in Computer Science*, 982:457–458, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meriste:1995:AME

[1207] M. Meriste and J. Penjam. Attributed models of executable specifications. *Lecture Notes in Computer Science*, 982:459–460, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Saglam:1995:ACL

[1208] H. Saglam and J. P. Gallagher. Approximating constraint logic programs using polymorphic types and regular descriptions. *Lecture Notes in Computer Science*, 982:461–462, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tong:1995:PDPa

[1209] B.-M. Tong and H.-F. Leung. Performance of a data-parallel concurrent constraint programming system. *Lecture Notes in Computer Science*, 982: 463–464, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wunderwald:1995:PIM

[1210] J. E. Wunderwald. A portable implementation of memoing evaluation. *Lecture Notes in Computer Science*, 982:465–466, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmidt:1995:NSB

[1211] D. A. Schmidt. Natural-semantics-based abstract interpretation. *Lecture Notes in Computer Science*, 983:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tofte:1995:RIH

[1212] M. Tofte. Region inference for higher-order functional languages. *Lecture Notes in Computer Science*, 983:19–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolper:1995:ATA

[1213] P. Wolper and B. Boigelot. An automata-theoretic approach to Presburger arithmetic constraints. *Lecture Notes in Computer Science*, 983:21–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alt:1995:GEI

[1214] M. Alt and F. Martin. Generation of efficient interprocedural analyzers with PAG. *Lecture Notes in Computer Science*, 983:33–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cleaveland:1995:OAM

[1215] R. Cleaveland, P. Iyer, and D. Yankelevich. Optimality in abstractions of model checking. *Lecture Notes in Computer Science*, 983:51–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Colby:1995:DSP

[1216] C. Colby. Determining storage properties of sequential and concurrent programs with assignment and structured data. *Lecture Notes in Computer Science*, 983:64–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coorg:1995:PNS

[1217] S. R. Coorg. Partitioning non-strict functional languages for multi-threaded code generation. *Lecture Notes in Computer Science*, 983:82–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cortesi:1995:CAI

[1218] A. Cortesi, G. File, R. Giacobazzi, and C. Palamidessi. Complementation in abstract interpretation. *Lecture Notes in Computer Science*, 983: 100–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dussart:1995:PRS

[1219] D. Dussart, F. Henglein, and C. Mossin. Polymorphic recursion and subtype qualifications: Polymorphic binding-time analysis in polynomial time. *Lecture Notes in Computer Science*, 983: 118–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Faxen:1995:OLF

[1220] K.-F. Faxen. Optimizing lazy functional programs using flow inference. *Lecture Notes in Computer Science*, 983:136–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giesl:1995:TAF

[1221] J. Giesl. Termination analysis for functional programs using term orderings. *Lecture Notes in Computer Science*, 983:154–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hannan:1995:TBA

[1222] J. Hannan. A type-based analysis for stack allocation in functional languages. *Lecture Notes in Computer Science*, 983:172–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heintze:1995:CFA

[1223] N. Heintze. Control-flow analysis and type systems. *Lecture Notes in Computer Science*, 983:189–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jagannathan:1995:EFA

[1224] S. Jagannathan and A. Wright. Effective flow analysis for avoiding run-time checks. *Lecture Notes in Computer Science*, 983:207–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kobayashi:1995:SAC

[1225] N. Kobayashi, M. Nakade, and A. Yonezawa. Static analysis of com-

munication for asynchronous concurrent programming languages. *Lecture Notes in Computer Science*, 983:225–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

KrishnaRao:1995:UFE

[1226] M. R. K. Krishna Rao and R. K. Shyamasundar. Unification-free execution of well-moded and well-typed Prolog programs. *Lecture Notes in Computer Science*, 983:243–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mohnen:1995:ECU

[1227] M. Mohnen. Efficient closure utilisation by higher-order inheritance analysis. *Lecture Notes in Computer Science*, 983:261–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Monsuez:1995:SFA

[1228] B. Monsuez. System F and abstract interpretation. *Lecture Notes in Computer Science*, 983:279–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nielsen:1995:CNC

[1229] K. Nielsen and M. H. Soerensen. Call-by-name CPS-Translation as a binding-time improvement. *Lecture Notes in Computer Science*, 983:296–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Palsberg:1995:TLC

[1230] Jens Palsberg and Peter Ørbæk. Trust in the lambda calculus. *Lecture Notes in Computer Science*, 983:314–330, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ramachandran:1995:LR

[1231] V. Ramachandran and P. Van Hentenryck. LSign reordered. *Lecture Notes in Computer Science*, 983:330–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmidt-Schauss:1995:SAA

[1232] M. Schmidt-Schauss, S. E. Panitz, and M. Schuetz. Strictness analysis by abstract reduction using a tableau calculus. *Lecture Notes in Computer Science*, 983:348–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Serrano:1995:BPO

[1233] M. Serrano and P. Weis. Bigloo: a portable and optimizing compiler for strict functional languages. *Lecture Notes in Computer Science*, 983:366–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seward:1995:BPI

[1234] J. Seward. Beyond prototype implementations: Polymorphic projection analysis for Glasgow Haskell. *Lecture Notes in Computer Science*, 983:382–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vedrine:1995:BTA

[1235] F. Vedrine. Binding-time analysis and strictness analysis by abstract interpretation. *Lecture Notes in Computer Science*, 983:400–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fecht:1995:GTG

[1236] C. Fecht. GENA — a tool for generating Prolog analyzers from specifications. *Lecture Notes in Computer Science*, 983:418–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nordin:1995:ITD

[1237] M. Nordin, T. Lindgren, and H. Millroth. IGOR: A tool for developing Prolog dataflow analyzers. *Lecture Notes in Computer Science*, 983:420–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Armengol:1995:IIC

[1238] E. Armengol and E. Plaza. Integrating induction in a case-based reasoner. *Lecture Notes in Computer Science*, 984:3–17, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Auriol:1995:IIC

[1239] E. Auriol, M. Manago, K.-D. Althoff, and S. Wess. Integrating induction and case-based reasoning: Methodological approach and first evaluations. *Lecture Notes in Computer Science*, 984:18–32, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bento:1995:ESE

[1240] C. Bento, J. Exposto, V. Francisco, and E. Costa. Experimental study of an evaluation function for cases imperfectly explained. *Lecture Notes in Computer Science*, 984:33–44, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bento:1995:RCI

[1241] C. Bento, L. Macedo, and E. Costa. Reasoning with cases imperfectly described and explained. *Lecture Notes in Computer Science*, 984:45–59, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cox:1995:ILG

[1242] M. T. Cox and A. Ram. Interacting learning-goals: Treating learning as a planning task. *Lecture Notes in Computer Science*, 984:60–74, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cunningham:1995:LMB

[1243] P. Cunningham, B. Smyth, and T. Veale. On the limitations of memory based reasoning. *Lecture Notes in Computer Science*, 984:75–86, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lieber:1995:CCB

[1244] J. Lieber. A criterion of comparison between two case bases. *Lecture Notes in Computer Science*, 984:87–100, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Okamoto:1995:APA

[1245] S. Okamoto and K. Satoh. An average predictive accuracy of the nearest neighbor classifier. *Lecture Notes in Computer Science*, 984:101–112, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reiser:1995:CBR

[1246] C. Reiser and H. Kaindl. Case-based reasoning for multi-step problems and its integration with heuristic search. *Lecture Notes in Computer Science*, 984:113–125, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Richards:1995:QMB

[1247] B. L. Richards. Qualitative models as a basis for case indices. *Lecture Notes in Computer Science*, 984:126–135, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schaaf:1995:UGR

[1248] J. W. Schaaf, M. Nowak, and A. Voss. Using gestalten to retrieve cases. *Lecture Notes in Computer Science*, 984: 136–150, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smyth:1995:CIC

[1249] B. Smyth and P. Cunningham. A comparison of incremental case-based reasoning and inductive learning. *Lecture Notes in Computer Science*, 984:151–164, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weber:1995:ERC

[1250] G. Weber. Examples and remindings in a case-based help system. *Lecture Notes in Computer Science*, 984:165–180, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ashley:1995:CKR

[1251] K. D. Ashley and B. M. McLaren. A CBR knowledge representation for practical ethics. *Lecture Notes in Computer Science*, 984:181–197, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dave:1995:CBS

[1252] B. Dave, G. Schmitt, S.-G. Shih, and L. Bendel. Case-based spatial design reasoning. *Lecture Notes in Computer Science*, 984:198–210, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Funk:1995:CBS

[1253] P. J. Funk and D. Robertson. Case-based support for the design of dynamic system requirements. *Lecture Notes in Computer Science*, 984:211–222, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kang:1995:MAC

[1254] Byeong Ho Kang and P. Compton. A maintenance approach to case-based reasoning. *Lecture Notes in Computer Science*, 984:223–239, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kerner:1995:CBE

[1255] Y. Kerner. Case-based evaluation in computer chess. *Lecture Notes in Computer Science*, 984:240–254, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Malek:1995:DCB

[1256] M. Malek and V. Rialle. Design of a case-based reasoning system applied to neuropathy diagnosis. *Lecture Notes in Computer Science*, 984:255–265, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Munoz:1995:CNH

[1257] H. Muñoz, J. Paulokat, and S. Wess. Controlling a nonlinear hierarchical planner using case replay. *Lecture Notes in Computer Science*, 984:266–279, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reategui:1995:CSC

[1258] E. B. Reategui and J. A. Campbell. A classification system for credit card transactions. *Lecture Notes in Computer Science*, 984:280–291, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1995:UCB

[1259] S.-A. Yang, D. Robertson, and J. Lee. Use of case-based reasoning in the domain of building regulations. *Lecture Notes in Computer Science*, 984:292–306, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dittrich:1995:ADM

[1260] K. R. Dittrich, S. Gatziu, and A. Geppert. The active database management system manifesto: A rulebase of ADBMS features. *Lecture Notes in Computer Science*, 985:3–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paton:1995:FSA

[1261] N. W. Paton, J. Campin, A. A. A. Fernandes, and M. H. Williams. Formal specification of active database functionality: A survey. *Lecture Notes in Computer Science*, 985:21–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coupaye:1995:DSA

[1262] T. Coupaye and C. Collet. Denotational semantics for an active rule execution model. *Lecture Notes in Computer Science*, 985:36–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tawbi:1995:ASU

[1263] C. Tawbi, G. Jaber, and M. Dalmau. Activity specification using rendezvous. *Lecture Notes in Computer Science*, 985:51–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez:1995:RBS

[1264] R. Fernandez and O. Diaz. Reactive behaviour support: Themes and variations. *Lecture Notes in Computer Science*, 985:69–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Etzion:1995:RAB

[1265] O. Etzion. Reasoning about the behavior of active databases applications. *Lecture Notes in Computer Science*, 985:86–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reddi:1995:EFD

[1266] S. Reddi, A. Poulovassilis, and C. Small. Extending a functional DBPL with ECA-Rules. *Lecture Notes in Computer Science*, 985:101–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Skoeld:1995:RCA

[1267] M. Skoeld, E. Falkenroth, and T. Risch. Rule contexts in active databases — A mechanism for dynamic rule grouping. *Lecture Notes in Computer Science*, 985:119–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sturm:1995:TLR

[1268] R. Sturm, J. A. Muelle, and P. C. Lockemann. Temporized and localized rule sets. *Lecture Notes in Computer Science*, 985:131–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thomas:1995:DIA

[1269] I. S. Thomas and A. C. Jones. Design and implementation of an active object-oriented database supporting construction of database tools. *Lecture Notes in Computer Science*, 985: 147–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baralis:1995:IRA

[1270] E. Baralis, S. Ceri, and S. Paraboschi. Improved rule analysis by means of triggering and activation graphs. *Lecture Notes in Computer Science*, 985: 165–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benazet:1995:VVT

[1271] E. Benazet, H. Guehl, and M. Bouzeghoub. VITAL: A visual tool for analysis of rules behaviour in active databases. *Lecture Notes in Computer Science*, 985:182–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chakravarthy:1995:VET

[1272] S. Chakravarthy, Z. Tamizuddin, and J. Zhou. A visualization and explanation tool for debugging ECA rules in active databases. *Lecture Notes in Computer Science*, 985:197–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zurek:1995:SPL

[1273] T. Zurek and P. Thanisch. Strategies for parallel linear recursive query processing. *Lecture Notes in Computer Science*, 985:213–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Embury:1995:PCU

[1274] S. M. Embury and P. M. D. Gray. Planning complex updates to satisfy constraint rules using a constraint logic search engine. *Lecture Notes in Computer Science*, 985:230–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Consens:1995:CPV

[1275] M. P. Consens, A. O. Mendelzon, D. Vista, and P. T. Wood. Constant propagation versus join reordering in datalog. *Lecture Notes in Computer*

Science, 985:245–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Plexousakis:1995:CST

[1276] D. Plexousakis. Compilation and simplification of temporal integrity constraints. *Lecture Notes in Computer Science*, 985:260–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kersten:1995:ACP

[1277] M. L. Kersten. An active component for a parallel database kernel. *Lecture Notes in Computer Science*, 985:277–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baralis:1995:UDR

[1278] E. Baralis and J. Widom. Using delta relations to optimize condition evaluation in active databases. *Lecture Notes in Computer Science*, 985:292–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geppert:1995:DBA

[1279] A. Geppert, S. Gatziu, and K. R. Dittrich. A designer's benchmark for active database management systems: 007 meets the BEAST. *Lecture Notes in Computer Science*, 985:309–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geppert:1995:RCA

[1280] A. Geppert, M. Kradolfer, and D. Tombros. Realization of cooperative agents using an active object-oriented database management system. *Lecture Notes in Computer Science*, 985:327–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bailey:1995:ADA

[1281] J. Bailey, M. Georgeff, D. B. Kemp, and D. Kinny. Active databases and agent systems — A comparison. *Lecture Notes in Computer Science*, 985:342–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zukunft:1995:RAD

[1282] O. Zukunft. Recovering active databases. *Lecture Notes in Computer Science*, 985:357–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wilson:1995:DSA

[1283] P. R. Wilson, M. S. Johnstone, M. Neely, and D. Boles. Dynamic storage allocation: A survey and critical review. *Lecture Notes in Computer Science*, 986:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wadler:1995:SAR

[1284] P. Wadler. Static analysis refuses to stay still: Prospects of static analysis for dynamic allocation. *Lecture Notes in Computer Science*, 986:117–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hamilton:1995:CTG

[1285] G. W. Hamilton. Compile-time garbage collection for lazy functional languages.

Lecture Notes in Computer Science, 986:119–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roejemo:1995:GGC

[1286] N. Roejemo. Generational garbage collection without temporary space leaks for lazy functional languages. *Lecture Notes in Computer Science*, 986:145–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matsui:1995:CGC

[1287] S. Matsui, Y. Tanaka, A. Maeda, and M. Nakanishi. Complementary garbage collector. *Lecture Notes in Computer Science*, 986:163–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Attardi:1995:PTC

[1288] G. Attardi, T. Flagella, and P. Iglio. Performance tuning in a customizable collector. *Lecture Notes in Computer Science*, 986:179–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Suzuki:1995:MFS

[1289] M. Suzuki, H. Koide, and M. Terashima. MOA — A fast sliding compaction scheme for a large storage space. *Lecture Notes in Computer Science*, 986:197–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Plainfosse:1995:SDG

[1290] D. Plainfosse and M. Shapiro. A survey of distributed garbage collection techniques. *Lecture Notes in Computer Science*, 986:211–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fuchs:1995:GCO

[1291] M. Fuchs. Garbage collection on an open network. *Lecture Notes in Computer Science*, 986:251–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Piquer:1995:IMS

[1292] J. M. Piquer. Indirect mark and sweep: A distributed GC. *Lecture Notes in Computer Science*, 986:267–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maeda:1995:FGG

[1293] M. Maeda, H. Konaka, Y. Ishikawa, and T. Tomokiyo. On-the-fly global garbage collection based on partly mark-sweep. *Lecture Notes in Computer Science*, 986:283–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matthews:1995:LDS

[1294] D. C. J. Matthews and T. Le Sergent. LEMMA: A distributed shared memory with global and local garbage collection. *Lecture Notes in Computer Science*, 986:297–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Armstrong:1995:OPR

[1295] J. Armstrong and R. Virding. One pass real-time generational mark-sweep garbage collection. *Lecture Notes in Computer Science*, 986:313–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Magnusson:1995:GCC

[1296] B. Magnusson and R. Henriksson. Garbage collection for control systems. *Lecture Notes in Computer Science*, 986:323–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Virding:1995:GCC

[1297] R. Virding. A garbage collector for the concurrent real-time language erlang. *Lecture Notes in Computer Science*, 986:343–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nilsen:1995:PHA

[1298] K. Nilsen. Progress in hardware-assisted real-time garbage collection. *Lecture Notes in Computer Science*, 986:355–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Phalke:1995:MHB

[1299] V. Phalke and B. Gopinath. A miss history-based architecture for cache prefetching. *Lecture Notes in Computer Science*, 986:381–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kjelsoe:1995:MMF

[1300] M. Kjelsoe and S. Jones. Memory management in flash-memory disks with data compression. *Lecture Notes in Computer Science*, 986:399–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hungar:1995:WIM

[1301] H. Hungar, O. Grumberg, and W. Damm. What if model checking must be truly symbolic. *Lecture Notes in Computer Science*, 987:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stern:1995:AVS

[1302] U. Stern and D. L. Dill. Automatic verification of the SCI cache coherence protocol. *Lecture Notes in Computer Science*, 987:21–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pierre:1995:DVS

[1303] L. Pierre. Describing and verifying synchronous circuits with the Boyer–Moore theorem prover. *Lecture Notes in Computer Science*, 987:35–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Curzon:1995:PEM

[1304] P. Curzon. Problems encountered in the machine-assisted proof of hardware. *Lecture Notes in Computer Science*, 987:56–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eisenbiegler:1995:FEE

[1305] D. Eisenbiegler and R. Kumar. Formally embedding existing high level synthesis algorithms. *Lecture Notes in Computer Science*, 987:71–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1995:FDC

[1306] L. G. Wang and M. Mendler. Formal design of a class of computers. *Lecture Notes in Computer Science*, 987:84–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McFarland:1995:SAV

[1307] M. C. McFarland and T. J. Kowalski. Symbolic analysis and verification of CPA descriptions. *Lecture Notes in Computer Science*, 987:103–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeMelo:1995:FFR

[1308] A. C. V. De Melo and H. Barringer. A foundation for formal reuse of hardware. *Lecture Notes in Computer Science*, 987:124–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corella:1995:SEA

[1309] F. Corella, M. Langevin, E. Cerny, and Z. Zhou. State enumeration with abstract descriptions of state machines. *Lecture Notes in Computer Science*, 987:146–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cabodi:1995:TBR

[1310] G. Cabodi, S. Quer, and P. Camurati. Transforming Boolean relations by symbolic encoding. *Lecture Notes in Computer Science*, 987:161–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wahba:1995:DED

[1311] A. Wahba and D. Borrione. Design error diagnosis in sequential circuits. *Lecture Notes in Computer Science*, 987:171–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maler:1995:TAA

[1312] O. Maler and A. Pnueli. Timing analysis of asynchronous circuits using timed automata. *Lecture Notes in Computer Science*, 987:189–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stern:1995:IPV

[1313] U. Stern and D. L. Dill. Improved probabilistic verification by hash compaction. *Lecture Notes in Computer Science*, 987:206–224, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barringer:1995:FSE

[1314] H. Barringer, G. Gough, B. Monahan, and A. Williams. Formal support for the ELLA hardware description language. *Lecture Notes in Computer Science*, 987:225–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeNicola:1995:VHC

[1315] R. De Nicola, A. Fantechi, S. Gnesi, and S. Larosa. Verifying hardware components within JACK. *Lecture Notes in Computer Science*, 987:246–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tasiran:1995:LCN

[1316] S. Tasiran, R. Hojati, and R. K. Brayton. Language containment of non-deterministic omega-automata. *Lecture Notes in Computer Science*, 987:261–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bolignano:1995:POA

[1317] D. Bolignano. A partial-order approach to the verification of concurrent systems: checking liveness properties. *Lecture Notes in Computer Science*, 987:278–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deharbe:1995:SVO

[1318] D. Deharbe and D. Borrione. Semantics of a verification-oriented subset of VHDL. *Lecture Notes in Computer Science*, 987:293–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goossens:1995:RAV

[1319] K. G. W. Goossens. Reasoning about VHDL using operational and observational semantics. *Lecture Notes in Computer Science*, 987:311–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Encrenaz:1995:SRS

[1320] E. Encrenaz. A symbolic relation for a subset of VHDL'87 descriptions and its application to symbolic model checking. *Lecture Notes in Computer Science*, 987:328–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Egenhofer:1995:NG

[1321] M. J. Egenhofer and D. M. Mark. Naive geography. *Lecture Notes in Computer Science*, 988:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Faltings:1995:QSR

[1322] B. Faltings. Qualitative spatial reasoning using algebraic topology. *Lecture Notes in Computer Science*, 988:17–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gahegan:1995:POQ

[1323] M. Gahegan. Proximity operators for qualitative spatial reasoning. *Lecture Notes in Computer Science*, 988:31–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hernandez:1995:QD

[1324] D. Hernandez, E. Clementini, and P. Di Felice. Qualitative distances. *Lecture Notes in Computer Science*, 988:45–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zimmermann:1995:MMD

[1325] K. Zimmermann. Measuring without measures: The delta-calculus. *Lecture Notes in Computer Science*, 988:59–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rennison:1995:MPC

[1326] E. Rennison and L. Strausfeld. The Millennium Project: Constructing a dynamic 3+D virtual environment for exploring geographically, temporally, and categorically organized historical information. *Lecture Notes in*

Computer Science, 988:69–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dieberger:1995:PSN

[1327] A. Dieberger. Providing spatial navigation for the World Wide Web. *Lecture Notes in Computer Science*, 988:93–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yuan:1995:SAG

[1328] M. Yuan and J. Albrecht. Structural analysis of geographic information and GIS operations: from a user's perspective. *Lecture Notes in Computer Science*, 988:107–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Peloux:1995:LCI

[1329] J.-P. Peloux and P. Rigaux. A loosely coupled interface to an object-orientated geographic database. *Lecture Notes in Computer Science*, 988: 123–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fritsch:1995:SRL

[1330] E. Fritsch and J. P. Lagrange. Spectral representations of linear features for generalisation. *Lecture Notes in Computer Science*, 988:157–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ware:1995:TSM

[1331] J. M. Ware, C. B. Jones, and G. L. Bundy. A triangulated spatial model for cartographic generalisation of areal objects. *Lecture Notes in Computer Science*, 988:173–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amorim:1995:OOL

[1332] M.-A. Amorim, S. Glasauer, K. Corpinot, and A. Berthoz. Object-orientation and location updating during nonvisual navigation: The characteristics and effects of object- versus trajectory-centered processing modes. *Lecture Notes in Computer Science*, 988:193–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Golledge:1995:PSR

[1333] R. G. Golledge. Path selection and route preference in human navigation: A progress report. *Lecture Notes in Computer Science*, 988:207–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maass:1995:HSI

[1334] W. Maass. How spatial information connects visual information and natural language generation in dynamic environments: Towards a computational model. *Lecture Notes in Computer Science*, 988:223–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stefanakis:1995:DOP

[1335] E. Stefanakis and M. Kavouras. On the determination of the optimum path in space. *Lecture Notes in Computer Science*, 988:241–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertolotto:1995:UFM

[1336] M. Bertolotto, L. De Floriani, and P. Marzano. A unifying framework for multilevel description of spatial data. *Lecture Notes in Computer Science*, 988:259–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Magillo:1995:UVI

[1337] P. Magillo, L. De Floriani, and E. Bruzzone. Updating visibility information on multiresolution terrain models. *Lecture Notes in Computer Science*, 988:279–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bruegger:1995:TIS

[1338] B. P. Bruegger. Theory for the integration of scale and representation formats: Major concepts and practical implications. *Lecture Notes in Computer Science*, 988:297–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cohn:1995:HRQ

[1339] A. G. Cohn. A hierarchical representation of qualitative shape based on connection and convexity. *Lecture Notes in Computer Science*, 988:311–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hirtle:1995:RSC

[1340] S. C. Hirtle. Representational structures for cognitive space: Trees, ordered trees and semi-lattices. *Lecture Notes in Computer Science*, 988:327–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schlieder:1995:RAO

[1341] C. Schlieder. Reasoning about ordering. *Lecture Notes in Computer Science*, 988:341–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bucher:1995:ISA

[1342] F. Bucher and A. Vckovski. Improving the selection of appropriate spatial interpolation methods. *Lecture Notes in Computer Science*, 988:351–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chou:1995:SPS

[1343] Y.-H. Chou. Spatial patterns and spatial autocorrelation. *Lecture Notes in Computer Science*, 988:365–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Allen:1995:QCM

[1344] E. Allen, G. Edwards, and Y. Bedard. Qualitative causal modeling in temporal GIS. *Lecture Notes in Computer Science*, 988:397–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Story:1995:DSE

[1345] P. A. Story and M. F. Worboys. A design support environment for spatio-temporal database applications. *Lecture Notes in Computer Science*, 988: 413–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benenson:1995:IVE

[1346] I. Benenson and J. Portugali. Internal vs. external spatial information and

cultural emergence in a self-organising city. *Lecture Notes in Computer Science*, 988:431–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Broschart:1995:SPS

[1347] J. Broschart. The social perception of space: Non-spatial determinants of the use of directionals in tongan (polynesia). *Lecture Notes in Computer Science*, 988:443–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Keating:1995:SCS

[1348] E. Keating. Spatial conceptualizations of social hierarchy in pohnpei, micronesia. *Lecture Notes in Computer Science*, 988:463–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1995:DLM

[1349] B. Smith. On drawing lines on a map. *Lecture Notes in Computer Science*, 988:475–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Montello:1995:HSC

[1350] D. R. Montello. How significant are cultural differences in spatial cognition? *Lecture Notes in Computer Science*, 988:485–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glasgow:1995:FMB

[1351] J. Glasgow. A formalism for model-based spatial planning. *Lecture Notes in Computer Science*, 988:501–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gapp:1995:OLS

[1352] K.-P. Gapp. Object localization: Selection of optimal reference objects. *Lecture Notes in Computer Science*, 988: 519–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Theodoridis:1995:RQI

[1353] Y. Theodoridis and D. Papadias. Range queries involving spatial relations: A performance analysis. *Lecture Notes in Computer Science*, 988: 537–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mark:1995:ERC

[1354] D. M. Mark, D. Comas, M. J. Egenhofer, and S. M. Freundschuh. Evaluating and refining computational models of spatial relations through cross-linguistic human-subjects testing. *Lecture Notes in Computer Science*, 988: 553–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schwaertzel:1995:DPF

[1355] H. Schwaertzel. Demands and perspectives for future software engineers: An industrial viewpoint. *Lecture Notes in Computer Science*, 989:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bancilhon:1995:WWN

[1356] F. Bancilhon. Why we need object databases. *Lecture Notes in Computer Science*, 989:3–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Humphrey:1995:PCS

[1357] W. S. Humphrey. A personal commitment to software quality. *Lecture Notes in Computer Science*, 989:5–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Graw:1995:DMD

[1358] G. Graw and V. Gruhn. Distributed modeling and distributed enaction of business processes. *Lecture Notes in Computer Science*, 989:8–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barghouti:1995:IIM

[1359] N. S. Barghouti, E. Koutsofios, and E. Cohen. Improvise: Interactive multimedia process visualization environment. *Lecture Notes in Computer Science*, 989:28–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Votta:1995:DPI

[1360] L. G. Votta and M. L. Zajac. Design process improvement case study using process waiver data. *Lecture Notes in Computer Science*, 989:44–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tuya:1995:USM

[1361] J. Tuya, L. Sanchez, and J. A. Corrales. Using a symbolic model checker for verify safety properties in SA/RT models. *Lecture Notes in Computer Science*, 989:59–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

ValderrutenVidal:1995:ISR

[1362] A. Valderruten Vidal, M. Vilares Ferro, and J. Gratha Gil. Instrumentation of synchronous reactive models for performance engineering. *Lecture Notes in Computer Science*, 989:76–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coen-Porisini:1995:FFA

[1363] A. Coen-Porisini, R. A. Kemmerer, and D. Mandrioli. A formal framework for ASTRAL inter-level proof obligations. *Lecture Notes in Computer Science*, 989:90–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1995:ORM

[1364] Y.-F. Chen, B. Krishnamurthy, and K.-P. Vo. An objective reuse metric: Model and methodology. *Lecture Notes in Computer Science*, 989:109–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hitz:1995:MPA

[1365] M. Hitz and B. Montazeri. Measuring product attributes of object-oriented systems. *Lecture Notes in Computer Science*, 989:124–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Magee:1995:SDS

[1366] J. Magee, N. Dulay, S. Eisenbach, and J. Kramer. Specifying distributed software architectures. *Lecture Notes in Computer Science*, 989:137–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tai:1995:SBM

[1367] K.-C. Tai and R. H. Carver. A specification-based methodology for testing concurrent programs. *Lecture Notes in Computer Science*, 989:154–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Warren:1995:DCA

[1368] I. Warren and I. Sommerville. Dynamic configuration abstraction. *Lecture Notes in Computer Science*, 989: 173–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zeller:1995:HVS

[1369] A. Zeller and G. Snelting. Handling version sets through feature logic. *Lecture Notes in Computer Science*, 989: 191–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wagner:1995:IIA

[1370] T. A. Wagner and S. L. Graham. Integrating incremental analysis with version management. *Lecture Notes in Computer Science*, 989:205–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schuerr:1995:GGE

[1371] A. Schuerr, A. J. Winter, and A. Zuendorf. Graph grammar engineering with PROGRES. *Lecture Notes in Computer Science*, 989:219–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaskell:1995:SAF

[1372] C. Gaskell and R. Phillips. A structured analysis formalism with execution semantics to allow unambiguous model interpretation. *Lecture Notes in Computer Science*, 989:235–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glinz:1995:IFM

[1373] M. Glinz. An integrated formal model of scenarios based on statecharts. *Lecture Notes in Computer Science*, 989: 254–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heisel:1995:TSF

[1374] M. Heisel, T. Santen, and D. Zimmermann. Tool support for formal software development: A generic architecture. *Lecture Notes in Computer Science*, 989:272–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Landes:1995:TNF

[1375] D. Landes and R. Studer. The treatment of non-functional requirements in MIKE. *Lecture Notes in Computer Science*, 989:294–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Monk:1995:SDR

[1376] S. Monk, I. Sommerville, J. M. Pendaries, and B. Durin. Supporting design rationale for system evolution. *Lecture Notes in Computer Science*, 989:307–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jarzabek:1995:PLS

[1377] S. Jarzabek. PQL: A language for specifying abstract program views. *Lecture Notes in Computer Science*, 989:324–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chamillard:1995:ESP

[1378] A. T. Chamillard. An exploratory study of program metrics as predictors of reachability analysis performance. *Lecture Notes in Computer Science*, 989:343–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brown:1995:AQL

[1379] A. W. Brown, D. J. Carney, P. C. Clements, and B. C. Meyers. Assessing the quality of large, software-intensive systems. *Lecture Notes in Computer Science*, 989:384–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hsia:1995:IID

[1380] P. Hsia, C.-T. Hsu, D. C. Kung, and A. T. Yaung. The impact of incremental delivery on maintenance effort: An analytical study. *Lecture Notes in Computer Science*, 989:405–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Castell:1995:MQF

[1381] N. Castell and O. Slavkova. Metrics for quality factors in the LESD project. *Lecture Notes in Computer Science*, 989:423–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matsumoto:1995:QES

[1382] M. J. Matsumoto. Quantitative evaluations of software quality built in with domain-specific disciplines. *Lecture Notes in Computer Science*, 989:438–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jazayeri:1995:CPF

[1383] M. Jazayeri. Component programming — a fresh look at software components. *Lecture Notes in Computer Science*, 989:457–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koskimies:1995:DFS

[1384] K. Koskimies and H. Moessenboeck. Designing a framework by stepwise generalization. *Lecture Notes in Computer Science*, 989:479–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gall:1995:OOR

[1385] H. Gall, R. Kloesch, and R. Mittermeir. Object-oriented re-architecturing. *Lecture Notes in Computer Science*, 989:498–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schnattinger:1995:TMR

[1386] K. Schnattinger, U. Hahn, and M. Klenner. Terminological meta-reasoning by reification and multiple contexts. *Lecture Notes in Computer Science*, 990:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Poli:1995:NCP

[1387] R. Poli, M. Ryan, and A. Sloman. A new continuous propositional logic. *Lecture Notes in Computer Science*, 990:17–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Egly:1995:SPS

[1388] U. Egly. Super-polynomial speed-ups in proof length by new tautologies. *Lecture Notes in Computer Science*, 990:29–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alferes:1995:BRN

[1389] J. Alferes, L. M. Pereira, T. Przymusinski, and U. Evora. Belief revision in non-monotonic reasoning. *Lecture Notes in Computer Science*, 990:41–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dung:1995:NRJ

[1390] T. Q. Dung. A new representation of JTMS. *Lecture Notes in Computer Science*, 990:57–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vitoria:1995:RPC

[1391] A. Vitoria, M. Mamede, and L. Monteiro. The retrieval problem in a concept language with number restrictions. *Lecture Notes in Computer Science*, 990:69–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Trombettoni:1995:FLP

[1392] G. Trombettoni. Formalizing local propagation in constraint maintenance systems. *Lecture Notes in Computer Science*, 990:83–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:DPK

[1393] J.-H. Lee and G. Lee. A dependency parser of Korean based on connectionist/symbolic techniques. *Lecture Notes in Computer Science*, 990:95–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berlandier:1995:SAA

[1394] P. Berlandier. A symbiotic approach to arc and path consistency checking. *Lecture Notes in Computer Science*, 990:107–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaspar:1995:WDI

[1395] G. Gaspar and H. Coelho. Where do intentions come from?: A framework for goals and intentions adoption, derivation and evolution. *Lecture Notes in Computer Science*, 990:115–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coelho:1995:CLA

[1396] H. Coelho, A. Eusebio, and E. Costa. A closer look to artificial learning environments. *Lecture Notes in Computer Science*, 990:129–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coelho:1995:BMA

[1397] H. Coelho, L. Antunes, and L. Moniz. Building multi-agent societies from descriptions to systems: Inter-layer translations. *Lecture Notes in Computer Science*, 990:143–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

ZubizarretaAizpuru:1995:GTH

[1398] J. R. Zubizarreta Aizpuru and J. A. Usunariz. GA/TS: A hybrid approach for job shop scheduling in a production system. *Lecture Notes in Computer Science*, 990:153–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Teller:1995:CEE

[1399] A. Teller and M. Veloso. A controlled experiment: Evolution for learning difficult image classification. *Lecture Notes in Computer Science*, 990:165–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McConnell:1995:MMC

[1400] C. McConnell. Minimal model complexity search. *Lecture Notes in Computer Science*, 990:177–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gama:1995:CCA

[1401] J. Gama and P. Brazdil. Characterization of classification algorithms. *Lecture Notes in Computer Science*, 990:189–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wallace:1995:NGB

[1402] J. G. Wallace and K. Bluff. Neurons, glia and the borderline between subsymbolic and symbolic processing. *Lecture Notes in Computer Science*, 990:201–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Verheij:1995:ADA

[1403] B. Verheij. Arguments and defeat in argument-based nonmonotonic reasoning. *Lecture Notes in Computer Science*, 990:213–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nardi:1995:PSG

[1404] D. Nardi and R. Rosati. A preference semantics for ground nonmonotonic modal logics. *Lecture Notes in Computer Science*, 990:225–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duc:1995:LOV

[1405] Ho Ngoc Duc. Logical omniscience vs. logical ignorance on a dilemma of epistemic logic. *Lecture Notes in Computer Science*, 990:237–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bento:1995:RSM

[1406] C. Bento, P. Machado, and E. Costa. On the role of splitting and merging past cases for generation of a new solution. *Lecture Notes in Computer Science*, 990:249–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Melis:1995:TPA

[1407] E. Melis. Theorem proving by analogy — A compelling example. *Lecture Notes in Computer Science*, 990:261–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alferes:1995:NAA

[1408] J. J. Alferes, R. Li, and L. M. Pereira. Non-atomic actions in the situation calculus. *Lecture Notes in Computer Science*, 990:273–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Karacapilidis:1995:PUU

[1409] N. I. Karacapilidis. Planning under uncertainty: A qualitative approach. *Lecture Notes in Computer Science*, 990:285–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pacholczyk:1995:QRU

[1410] D. Pacholczyk. Qualitative reasoning under uncertainty. *Lecture Notes in Computer Science*, 990:297–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reifman:1995:SCQ

[1411] J. Reifman and T. Y. C. Wei. Systematic construction of qualitative physics-based rules for process diagnostics. *Lecture Notes in Computer Science*, 990:311–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Quek:1995:IPS

[1412] C. Quek, P. W. Ng, and M. Pasquier. Integrated process supervision: A structured approach to expert control. *Lecture Notes in Computer Science*, 990:323–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lima:1995:USG

[1413] P. U. Lima and G. N. Saridis. Using stochastic grammars to learn robotic tasks. *Lecture Notes in Computer Science*, 990:335–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Damas:1995:CCG

[1414] L. Damas and N. Moreira. Constraint categorial grammars. *Lecture Notes in Computer Science*, 990:347–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Broda:1995:NTA

[1415] S. Broda and L. Damas. A new translation algorithm from lambda calculus into combinatory logic. *Lecture Notes in Computer Science*, 990:359–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kipper:1995:IMA

[1416] B. Kipper. Interlocking multi-agent and blackboard architectures. *Lecture Notes in Computer Science*, 990 (or 991??):371–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Damasio:1995:MTP

[1417] C. V. Damasio and L. M. Pereira. A model theory for paraconsistent logic programming. *Lecture Notes in Computer Science*, 990 (or 991??):377–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez-Chamizo:1995:PSR

[1418] C. Fernandez-Chamizo, P. A. Gonzalez-Calero, and M. Gomez-Albarran. Promoting software reuse through explicit knowledge representation. *Lecture Notes in Computer Science*, 990 (or 991??):387–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cherruel:1995:ELM

[1419] G. Cherruel, B. Solaiman, and Y. Autret. Efficient learning in multilayered perceptron using the grow-and-learn algorithm. *Lecture Notes in Computer Science*, 990 (or 991??):397–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeAlmeidaMora:1995:MDS

[1420] I. De Almeida Mora and J. J. Alferes. Modelling diagnosis systems with logic programming. *Lecture Notes in Computer Science*, 990:409–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Custodio:1995:ALA

[1421] L. M. M. Custodio and C. A. Pinto-Ferreira. Agreement: A logical approach to approximate reasoning. *Lecture Notes in Computer Science*, 990 (or 991??):419–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolverton:1995:PSI

[1422] M. Wolverton. Presenting significant information in expert system explanation. *Lecture Notes in Computer Science*, 990 (or 991??):435–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaignaud:1995:CMP

[1423] N. Chaignaud. A cognitive model of problem solving with incomplete information. *Lecture Notes in Computer Science*, 990 (or 991??):441–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Castell:1995:FSS

[1424] N. Castell and A. Hernandez. Filtering software specifications written in natural language. *Lecture Notes in Computer Science*, 990 (or 991??):447–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeMatos:1995:PDS

[1425] P. A. De Matos and J. P. Martins. Parsimonious diagnosis in SNePS. *Lecture Notes in Computer Science*, 990:457–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bhattacharyya:1995:SSF

[1426] S. Bhattacharyya and S. L. Lytinen. Syntactic and semantic filtering in a chart parser. *Lecture Notes in Computer Science*, 990 (or 991??):465–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stephan:1995:MRPa

[1427] W. Stephan and S. Biundo. Multi-level refinement planning in an interval-based temporal logic. *Lecture Notes in Computer Science*, 990:482–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fischer:1995:RRA

[1428] G. Fischer. Rethinking and reinventing artificial intelligence from the perspective of human-centered computational artifacts. *Lecture Notes in Computer Science*, 991:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paris:1995:ADG

[1429] C. L. Paris. Automatic documentation generation: Including examples. *Lecture Notes in Computer Science*, 991:12–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wellman:1995:MOP

[1430] M. P. Wellman. Market oriented programming. *Lecture Notes in Computer Science*, 991:26–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alvarado:1995:BIS

[1431] M. Alvarado and G. Nuthez. Belief increasing in SKL model frames. *Lecture Notes in Computer Science*, 991:28–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joshi:1995:SCS

[1432] A. V. Joshi, S. C. Sahasrabudhe, and K. Shankar. Sensitivity of combination schemes under conflicting conditions and a new method. *Lecture Notes in Computer Science*, 991:39–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Becher:1995:TCL

[1433] V. Becher. Two conditional logics for defeasible inference: A comparison preliminary version. *Lecture Notes in Computer Science*, 991:49–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bedrax-Weiss:1995:USA

[1434] T. Bedrax-Weiss and L. E. Bertossi. Underlying semantics for the assessment of Reiter's solution to the frame problem. *Lecture Notes in Computer Science*, 991:59–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DaCostaMora:1995:MIE

[1435] M. Da Costa Mora, J. G. Lopes, and H. Coelho. Modeling intentions with extended logic programming. *Lecture Notes in Computer Science*, 991:69–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oliveira:1995:LTP

[1436] C. M. G. M. Oliveira. Labelled theorem proving for substructural logics. *Lecture Notes in Computer Science*, 991: 79–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

RochaRiccio:1995:LA

[1437] N. C. Rocha Riccio and R. J. G. B. De Queiroz. Labelled abduction. *Lecture Notes in Computer Science*, 991:91–??,

1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rodrigues:1995:PPM

[1438] O. Rodrigues and M. Benevides. PROMAL: Programming in modal action logic. *Lecture Notes in Computer Science*, 991:101–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zaverucha:1995:GDR

[1439] G. Zaverucha and S. R. M. Veloso. A goal directed reasoning for semi-normal default theories. *Lecture Notes in Computer Science*, 991:112–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aimeur:1995:TNL

[1440] E. Aimeur, C. Frasson, and C. Alexe. Towards new learning strategies in intelligent tutoring systems. *Lecture Notes in Computer Science*, 991:121–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBarrosCosta:1995:MLE

[1441] E. De Barros Costa, M. A. Lopes, and E. Ferneda. Mathema: A learning environment based on a multi-agent architecture. *Lecture Notes in Computer Science*, 991:141–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Direne:1995:GMD

[1442] A. I. Direne. A general model of dialogue interpretation for concept tutoring systems. *Lecture Notes in Computer Science*, 991:151–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Campagnolo:1995:KBC

[1443] M. L. Campagnolo, H. Coelho, and J. H. Capelo. Knowledge based clustering of partially characterized objects. *Lecture Notes in Computer Science*, 991:161–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nicoletti:1995:CER

[1444] M. C. Nicoletti and M. C. Monard. Constructing the extensional representation of an intentional domain theory in inductive logic programming. *Lecture Notes in Computer Science*, 991:171–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Scheffer:1995:GAL

[1445] T. Scheffer. A generic algorithm for learning rules with hierarchical exceptions. *Lecture Notes in Computer Science*, 991:181–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeCarvalho:1995:NMV

[1446] L. A. V. De Carvalho and V. L. Roitman. A neural model for the visual attention phenomena. *Lecture Notes in Computer Science*, 991:191–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohno-Machado:1995:LRC

[1447] L. Ohno-Machado and M. A. Musen. Learning rare categories in backpropagation. *Lecture Notes in Computer Science*, 991:201–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Passos:1995:AAN

[1448] E. Passos and R. Valente. An automatic adaptative neurocomputing algorithm for time series prediction. *Lecture Notes in Computer Science*, 991: 210–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Correa:1995:CAS

[1449] M. Correa and S. Mendes. A computational approach to situation theory based on logic programming to design cognitive agents. *Lecture Notes in Computer Science*, 991:219–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeOliveira:1995:MAH

[1450] F. M. De Oliveira. Measuring agreement and harmony in multi-agent societies: A first approach. *Lecture Notes in Computer Science*, 991:232–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shmeil:1995:DOL

[1451] M. A. H. Shmeil and E. Oliveira. Detecting the opportunities of learning from the interactions in a society of organizations. *Lecture Notes in Computer Science*, 991:242–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sichman:1995:ESR

[1452] J. S. Sichman and Y. Demazeau. Exploiting social reasoning to enhance adaptation in open multi-agent systems. *Lecture Notes in Computer Science*, 991:253–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferneda:1995:SAD

[1453] E. Ferneda, M. E. De Souza e. Silva, and H. De Menezes Silva. A system for aiding discovery: Mechanisms for knowledge generation. *Lecture Notes in Computer Science*, 991:262–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fonkam:1995:CFA

[1454] M. M. Fonkam. On a composite formalism and approach to presenting the knowledge content of a relational database. *Lecture Notes in Computer Science*, 991:272–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Labidi:1995:MKA

[1455] S. Labidi and M. M. Gammoudi. Method for knowledge acquisition from multiple experts. *Lecture Notes in Computer Science*, 991:283–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Passos:1995:CMK

[1456] E. Passos, A. Sade, C. Garcez, and A. Tanaka. A conceptual model for a knowledge base homogeneously stored in a database environment. *Lecture Notes in Computer Science*, 991:293–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McFetridge:1995:HDP

[1457] P. McFetridge and A. Villavicencio. A hierarchical description of the Portuguese verb. *Lecture Notes in Computer Science*, 991:300–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stefanini:1995:TMA

[1458] M.-H. Stefanini and Y. Demazeau. Talisman: A multi-agent system for natural language processing. *Lecture Notes in Computer Science*, 991:310–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Villavicencio:1995:PST

[1459] A. Villavicencio, N. M. C. Marques, J. G. P. Lopes, and F. Villavicencio. Part-of-speech tagging for Portuguese texts. *Lecture Notes in Computer Science*, 991:321–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Saba:1995:QCC

[1460] W. S. Saba and J.-P. Corriveau. Quantification and cognitive constraints in natural language understanding. *Lecture Notes in Computer Science*, 991: 331–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Trombettoni:1995:NDC

[1461] G. Trombettoni, B. Neveu, P. Berlandier, and M.-C. Riff. An non-diffident combinatorial optimization algorithm. *Lecture Notes in Computer Science*, 991:403–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mora:1995:MDS

[1462] I. Mora and J. Alferes. Modelling diagnosis systems with logic programming. *Lecture Notes in Computer Science*, 991:409–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nadia:1995:CER

[1463] M. Nadia. Constructing extensions by resolving a system of linear equations. *Lecture Notes in Computer Science*, 991:429–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matos:1995:PDS

[1464] P. A. Matos and J. P. Martins. Parsimonious diagnosis in SNePS. *Lecture Notes in Computer Science*, 991:457–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krajcar:1995:GAS

[1465] S. Krajcar, D. Skrlec, B. Pribicevic, and S. Blagajac. GA approach to solving multiple vehicle routing problem. *Lecture Notes in Computer Science*, 991:473–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stephan:1995:MRPb

[1466] W. Stephan and S. Biundo. Multilevel refinement planning in an interval-based temporal logic. *Lecture Notes in Computer Science*, 991:483–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lenke:1995:NLG

[1467] N. Lenke. Natural language generation as constraint-based configuration. *Lecture Notes in Computer Science*, 992: 1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Not:1995:IMA

[1468] E. Not and E. Pianta. Issues of multilinguality in the automatic generation of administrative instructional texts. *Lecture Notes in Computer Science*, 992:13–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bonarini:1995:EQL

[1469] A. Bonarini. Extending Q-learning to fuzzy classifier systems. *Lecture Notes in Computer Science*, 992:25–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

CamargoSilva:1995:FCM

[1470] P. Camargo Silva. Fuzzy cognitive maps in multi-agent environments. *Lecture Notes in Computer Science*, 992: 37–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baroglio:1995:MPL

[1471] C. Baroglio and M. Botta. Multiple predicate learning with RTL. *Lecture Notes in Computer Science*, 992:44–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Humphrey:1995:LWS

[1472] T. Humphrey, A. Bramanti-Gregor, and H. W. Davis. Learning while solving problems in single agent search: Preliminary results. *Lecture Notes in Computer Science*, 992:56–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carpineto:1995:ACN

[1473] C. Carpineto and G. Romano. Automatic construction of navigable concept networks characterizing text databases. *Lecture Notes in Computer Science*, 992:67–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gazza:1995:TPD

[1474] M. Gazza and P. Torasso. Temporal prediction: Dealing with change and interactions within a causal framework. *Lecture Notes in Computer Science*, 992:79–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Donini:1995:NFO

[1475] F. M. Donini, D. Nardi, and R. Rosati. Non-first-order features in concept languages. *Lecture Notes in Computer Science*, 992:91–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeGiacomo:1995:PBF

[1476] G. De Giacomo and M. Lenzerini. PDL-based framework for reasoning about actions. *Lecture Notes in Computer Science*, 992:103–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barbero:1995:DGN

[1477] C. Barbero and V. Lombardo. Dependency graphs in natural language pro-

cessing. *Lecture Notes in Computer Science*, 992:115–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ciravegna:1995:ISL

[1478] F. Ciravegna and N. Cancedda. Integrating shallow and linguistic techniques for information extraction from text. *Lecture Notes in Computer Science*, 992:127–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ardissono:1995:RPS

[1479] L. Ardissono, G. Boella, and D. Sestero. Recognizing preliminary sentences in dialogue interpretation. *Lecture Notes in Computer Science*, 992: 139–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kanellos:1995:CNE

[1480] I. Kanellos and V. H. Zaldivar-Carrillo. Contextuality and non-extensional identity: the inescapable symbiosis in NLP. *Lecture Notes in Computer Science*, 992:145–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Antoniou:1995:PDL

[1481] G. Antoniou. Priorities in default logic revisited. *Lecture Notes in Computer Science*, 992:152–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bennaceur:1995:BAR

[1482] H. Bennaceur. Boolean approach for representing and solving constraint-satisfaction problems. *Lecture Notes in Computer Science*, 992:163–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiManzo:1995:CDP

[1483] M. Di Manzo and P. Pecchiari. Composing decision procedures: The approach and a case study. *Lecture Notes in Computer Science*, 992:175–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Orilia:1995:KRE

[1484] F. Orilia. Knowledge representation, exemplification, and the Gupta-Belnap theory of circular definitions. *Lecture Notes in Computer Science*, 992:187–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rumolo:1995:TLC

[1485] G. Rumolo and E. Compatangelo. TRDL: A language for conceptual modelling in information systems engineering. *Lecture Notes in Computer Science*, 992:199–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

ThesiederDupre:1995:DRA

[1486] D. Thesieder Dupre and M. Rossotto. The different roles of abstraction in abductive reasoning. *Lecture Notes in Computer Science*, 992:211–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carassa:1995:CMC

[1487] A. Carassa, A. Valpiani, G. Geminiani, and S. Bandini. A cognitive model

of causal reasoning about the physical world. *Lecture Notes in Computer Science*, 992:217–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dragoni:1995:GAC

[1488] A. F. Dragoni, F. Mascaretti, and P. Puliti. A generalized approach to consistency based belief revision. *Lecture Notes in Computer Science*, 992: 231–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Castelfranchi:1995:FDB

[1489] C. Castelfranchi, D. D'Aloisi, and F. Giacomelli. A framework for dealing with belief-goal dynamics. *Lecture Notes in Computer Science*, 992:237–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nolfi:1995:ENT

[1490] S. Nolfi and D. Parisi. Evolving nontrivial behaviors on real robots: An autonomous robot that picks up objects. *Lecture Notes in Computer Science*, 992:243–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cesta:1995:FDD

[1491] A. Cesta and A. Oddi. A formal domain description language for a temporal planner. *Lecture Notes in Computer Science*, 992:255–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferrari:1995:MSM

[1492] C. Ferrari, E. Pagello, J. Ota, and T. Arai. A method for solving multiple autonomous robots collisions problem using space and time representation. *Lecture Notes in Computer Science*, 992:261–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blanzieri:1995:MSK

[1493] E. Blanzieri and A. Giordana. Mapping symbolic knowledge into locally receptive field networks. *Lecture Notes in Computer Science*, 992:267–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chella:1995:KRR

[1494] A. Chella, M. Frixione, and S. Gaglio. Knowledge representation for robotic vision based on conceptual spaces and attentive mechanisms. *Lecture Notes in Computer Science*, 992:279–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baioletti:1995:WPS

[1495] M. Baioletti, S. Marcugini, and A. Milani. A weakest precondition semantics for conditional planning. *Lecture Notes in Computer Science*, 992:291–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frixione:1995:CHM

[1496] M. Frixione, M. Piaggio, G. Vercelli, and R. Zaccaria. A cognitive hybrid model for autonomous navigation. *Lecture Notes in Computer Science*, 992:303–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DAngelo:1995:UCM

[1497] A. D'Angelo. Using a chemical metaphor to implement autonomous systems. *Lecture Notes in Computer Science*, 992:315–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pogliano:1995:MPD

[1498] P. Pogliano and L. Riccardi. Modeling process diagnostic knowledge through causal networks. *Lecture Notes in Computer Science*, 992:323–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gamper:1995:FRA

[1499] J. Gamper and W. Nejdl. Formalizing reasoning about change: A temporal diagnosis approach. *Lecture Notes in Computer Science*, 992:335–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guida:1995:PDD

[1500] G. Guida and M. Zanella. Preventive diagnosis: Definition and logical model. *Lecture Notes in Computer Science*, 992:347–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Man:1995:LPD

[1501] L. W. Man and S. L. Kwong. Learning programs in different paradigms using genetic programming. *Lecture Notes in Computer Science*, 992:353–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Semeraro:1995:RLT

[1502] G. Semeraro, F. Esposito, N. Fanizzi, and D. Malerba. Revision of logical theories. *Lecture Notes in Computer Science*, 992:365–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zucker:1995:REC

[1503] J.-D. Zucker. Reformulation of examples in concept learning of structural descriptions. *Lecture Notes in Computer Science*, 992:377–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

GuerreiroNeto:1995:IMP

[1504] J. P. Guerreiro Neto and F. J. G. Moura Pires. Integrated model — a proposal to handle noise. *Lecture Notes in Computer Science*, 992:389–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Armano:1995:EBS

[1505] G. Armano. Exceptions-based synthesis of Boolean functions as a core mechanism to perform concept learning. *Lecture Notes in Computer Science*, 992:395–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanLinder:1995:SBH

[1506] B. Van Linder, W. Van der Hoek, and J.-J. C. Meyer. Seeing is believing — and so are hearing and jumping. *Lecture Notes in Computer Science*, 992:402–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giunchiglia:1995:ARO

[1507] E. Giunchiglia, F. Giunchiglia, and L. Serafini. Agents as reasoners, observers or believers. *Lecture Notes in Computer Science*, 992:414–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaspari:1995:MIA

[1508] M. Gaspari. Modelling interactions in agent system. *Lecture Notes in Computer Science*, 992:426–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Omicini:1995:ACC

[1509] A. Omicini, E. Denti, and A. Natali. Agent coordination and control through logic theories. *Lecture Notes in Computer Science*, 992:439–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corne:1995:SCL

[1510] D. Corne and P. Ross. Some combinatorial landscapes on which a genetic algorithm outperforms other stochastic iterative methods. *Lecture Notes in Computer Science*, 993:1–13, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shapiro:1995:MEA

[1511] J. L. Shapiro and A. Pruegel-Bennett. Maximum entropy analysis of genetic algorithm operators. *Lecture Notes in Computer Science*, 993:14–24, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bilchev:1995:ACM

[1512] G. Bilchev and I. C. Parmee. The ant colony metaphor for searching continuous design spaces. *Lecture Notes in Computer Science*, 993:25–39, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mikami:1995:BBF

[1513] S. Mikami, Y. Kakazu, and T. C. Fogarty. Broadcast based fitness sharing GA for conflict resolution among autonomous robots. *Lecture Notes in Computer Science*, 993:40–47, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1995:APP

[1514] J. Smith and T. C. Fogarty. An adaptive poly-parental recombination strategy. *Lecture Notes in Computer Science*, 993:48–61, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Swann:1995:NSR

[1515] A. J. Swann. Neighbourhood seeding to reduce problem modality. *Lecture Notes in Computer Science*, 993:62–74, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burke:1995:SRO

[1516] E. Burke, D. Elliman, and R. Weare. Specialised recombinative operators for timetabling problems. *Lecture Notes in Computer Science*, 993:75–85, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paechter:1995:ULS

[1517] B. Paechter, A. Cumming, and H. Luchian. The use of local search suggestion lists for improving the solution of timetable problems with evolutionary algorithms. *Lecture Notes in Computer Science*, 993:86–93, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ross:1995:CGA

[1518] P. Ross and D. Corne. Comparing genetic algorithms, simulated annealing, and stochastic hillclimbing on timetabling problems. *Lecture Notes in Computer Science*, 993:94–102, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carse:1995:ELC

[1519] B. Carse, T. C. Fogarty, and A. Munro. Evolutionary learning in computational ecologies: an application to adaptive, distributed routing in communication networks. *Lecture Notes in Computer Science*, 993:103–116, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Langdon:1995:SPM

[1520] W. B. Langdon. Scheduling planned maintenance of the National Grid. *Lecture Notes in Computer Science*, 993: 132–153, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Savic:1995:GOC

[1521] D. A. Savic and G. A. Walters. Genetic operators and constraint handling for pipe network optimization. *Lecture Notes in Computer Science*, 993:154–165, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Surry:1995:MOA

[1522] P. D. Surry, N. J. Radcliffe, and I. D. Boyd. A multi-objective approach to constrained optimisation of gas supply networks: the COMOGA method. *Lecture Notes in Computer Science*, 993:166–180, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miller:1995:TDD

[1523] J. F. Miller, P. Thomson, and P. V. G. Bradbeer. Ternary decision diagram optimisation of Reed–Muller logic functions using a genetic algorithm for variable and simplification rule ordering. *Lecture Notes in Computer Science*, 993:181–190, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1995:EAP

[1524] D. Yang and S. Flockton. An evolutionary algorithm for parametric array signal processing. *Lecture Notes in Computer Science*, 993:191–199, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Patel:1995:CTS

[1525] M. J. Patel. Constraints on task and search complexity in GA + NN models of learning and adaptive behaviour. *Lecture Notes in Computer Science*, 993:200–223, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vavak:1995:LBA

[1526] F. Vavak, T. C. Fogarty, and P. Cheng. Load balancing application of the genetic algorithm in a nonstationary environment. *Lecture Notes in Computer Science*, 993:224–233, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Robinson:1995:ESC

[1527] G. Robinson and P. McIlroy. Exploring some commercial applications of genetic programming. *Lecture Notes in Computer Science*, 993:234–262, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mundy:1995:ORS

[1528] J. L. Mundy. Object recognition: The search for representation. *Lecture Notes in Computer Science*, 994:19–50, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shapiro:1995:ABO

[1529] L. G. Shapiro and M. S. Costa. Appearance-based 3D object recognition. *Lecture Notes in Computer Science*, 994:51–64, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gros:1995:UQI

[1530] P. Gros. Using quasi-invariants for automatic model building and object recognition: an overview. *Lecture Notes in Computer Science*, 994:65–76, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stockman:1995:ORR

[1531] G. Stockman. Object representation for recognition-by-alignment. *Lecture Notes in Computer Science*, 994:77–88, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Forsyth:1995:DRR

[1532] D. Forsyth, A. Zisserman, and J. Malik. Distinctive representations for the recognition of curved surfaces using outlines and markings. *Lecture Notes in Computer Science*, 994:89–100, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weiss:1995:EP

[1533] R. S. Weiss. The epipolar parametrization. *Lecture Notes in Computer Science*, 994:101–108, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huttenlocher:1995:UTD

[1534] D. Huttenlocher. Using two-dimensional models to interact with the three-dimensional world. *Lecture Notes in Computer Science*, 994:109–124, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kriegman:1995:RRC

[1535] D. Kriegman and J. Ponce. Representations for recognizing complex curved 3D objects. *Lecture Notes in Computer Science*, 994:125–138, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cooper:1995:RIR

[1536] D. B. Cooper and Z. Lei. On representation and invariant recognition of complex objects based on patches and parts. *Lecture Notes in Computer Science*, 994:139–154, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Petitjean:1995:AGO

[1537] S. Petitjean. Algebraic geometry and object representation in computer vision. *Lecture Notes in Computer Science*, 994:155–166, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Taubin:1995:DSS

[1538] G. Taubin. Discrete surface signal processing: The polygon as the surface element. *Lecture Notes in Computer Science*, 994:167–176, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koivunen:1995:SRD

[1539] V. Koivunen and R. Bajcsy. Spline representations in 3-D vision. *Lecture Notes in Computer Science*, 994:177–190, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Besl:1995:TPR

[1540] P. J. Besl. Triangles as a primary representation. *Lecture Notes in Computer Science*, 994:191–206, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Binford:1995:BCR

[1541] T. O. Binford. Body-centered representation and perception. *Lecture Notes in Computer Science*, 994:207–216, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zerroug:1995:CGO

[1542] M. Zerroug and G. Medioni. The challenge of generic object recognition. *Lecture Notes in Computer Science*, 994:217–232, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Metaxas:1995:PBF

[1543] D. Metaxas. A physics-based framework for segmentation, shape and motion estimation. *Lecture Notes in Computer Science*, 994:233–248, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pentland:1995:MR

[1544] A. Pentland and S. Sclaroff. Modal representations. *Lecture Notes in Computer Science*, 994:249–262, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nastar:1995:TRD

[1545] C. Nastar and N. Ayache. Time representation of deformations: Combining vibration modes and Fourier analysis. *Lecture Notes in Computer Science*, 994:263–276, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boult:1995:PFW

[1546] T. Boult, S. D. Fenster, and T. O'Donnell. Physics in a fantasy

world vs. robust statistical estimation. *Lecture Notes in Computer Science*, 994:277–296, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Camps:1995:TRP

[1547] O. I. Camps. Towards a robust physics-based object recognition system. *Lecture Notes in Computer Science*, 994:297–312, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gross:1995:TNP

[1548] A. Gross and L. Latecki. Toward non-parametric digital shape representation and recovery. *Lecture Notes in Computer Science*, 994:313–326, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ikeuchi:1995:SRE

[1549] K. Ikeuchi and M. Hebert. Spherical representations: from EGI to SAI. *Lecture Notes in Computer Science*, 994:327–346, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Terzopoulos:1995:PBR

[1550] D. Terzopoulos. From physics-based representation to functional modeling of highly complex objects. *Lecture Notes in Computer Science*, 994:347–359, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ahn:1995:CCP

[1551] R. Ahn. Communicating contexts: a pragmatic approach to information exchange. *Lecture Notes in Computer Science*, 996:1–13, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geuvers:1995:SFP

[1552] H. Geuvers. A short and flexible proof of strong normalization for the calculus of constructions. *Lecture Notes in Computer Science*, 996:14–38, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gimenez:1995:CGD

[1553] E. Gimenez. Codifying guarded definitions with recursive schemes. *Lecture Notes in Computer Science*, 996:39–59, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goguen:1995:MU

[1554] H. Goguen. The metatheory of UTT. *Lecture Notes in Computer Science*, 996:60–82, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Manoury:1995:UFS

[1555] P. Manoury. A user's friendly syntax to define recursive functions as typed lambda-terms. *Lecture Notes in Computer Science*, 996:83–100, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nipkow:1995:AIH

[1556] T. Nipkow and K. Slind. I/O automata in Isabelle/HOL. *Lecture Notes in Computer Science*, 996:101–119, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paulson:1995:CFC

[1557] L. C. Paulson. A concrete final coalgebra theorem for ZF set theory. *Lecture Notes in Computer Science*, 996:120–139, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pollack:1995:EPC

[1558] R. Pollack. On extensibility of proof checkers. *Lecture Notes in Computer Science*, 996:140–161, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ranta:1995:SCL

[1559] A. Ranta. Syntactic categories in the language of mathematics. *Lecture Notes in Computer Science*, 996:162–182, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Saibi:1995:FLC

[1560] A. Saibi. Formalization of a lambda-calculus with explicit substitutions in Coq. *Lecture Notes in Computer Science*, 996:183–202, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sakakibara:1995:GIO

[1561] Y. Sakakibara. Grammatical inference: An old and new paradigm. *Lecture Notes in Computer Science*, 997:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fahmy:1995:ELR

[1562] A. F. Fahmy and R. Roos. Efficient learning of real time one-counter automata. *Lecture Notes in Computer Science*, 997:25–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koshiba:1995:LSD

[1563] T. Koshiba, E. Maekinen, and Y. Takada. Learning strongly deterministic even linear languages from positive examples. *Lecture Notes in Computer Science*, 997:41–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sakamoto:1995:LLM

[1564] H. Sakamoto. Language learning from membership queries and characteristic examples. *Lecture Notes in Computer Science*, 997:55–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arimura:1995:LUT

[1565] H. Arimura, H. Ishizaka, and T. Shinohara. Learning unions of tree patterns using queries. *Lecture Notes in Computer Science*, 997:66–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeRaedt:1995:ICL

[1566] L. De Raedt and W. Van Laer. Inductive constraint logic. *Lecture Notes in Computer Science*, 997:80–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rao:1995:ILL

[1567] M. R. K. K. Rao. Incremental learning of logic programs. *Lecture Notes in Computer Science*, 997:95–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miyashiro:1995:LOF

[1568] A. Miyashiro, E. Takimoto, Y. Sakai, and A. Maruoka. Learning orthogonal F-horn formulas. *Lecture Notes in Computer Science*, 997:110–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Auer:1995:LND

[1569] P. Auer. Learning nested differences in the presence of malicious noise. *Lecture Notes in Computer Science*, 997: 123–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nakamura:1995:LSL

[1570] A. Nakamura and S. Miura. Learning sparse linear combinations of basis functions over a finite domain. *Lecture Notes in Computer Science*, 997: 138–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kececioglu:1995:IDS

[1571] J. Kececioglu, M. Li, and J. Tromp. Inferring a DNA sequence from erroneous copies. *Lecture Notes in Computer Science*, 997:151–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Case:1995:MIR

[1572] J. Case, S. Jain, and A. Sharma. Machine induction without revolutionary paradigm shifts. *Lecture Notes in Computer Science*, 997:153–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meyer:1995:PLL

[1573] L. Meyer. Probabilistic language learning under monotonicity constraints. *Lecture Notes in Computer Science*, 997:169–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stephan:1995:NIO

[1574] F. Stephan. Noisy inference and oracles. *Lecture Notes in Computer Science*, 997:185–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kalyanasundaram:1995:STM

[1575] B. Kalyanasundaram and M. Velauthapillai. Simulating teams with many conjectures. *Lecture Notes in Computer Science*, 997:201–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pinter:1995:CNT

[1576] C. C. Pinter. Complexity of network training for classes of neural networks. *Lecture Notes in Computer Science*, 997:215–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gavalda:1995:LOB

[1577] R. Gavalda and D. Guijarro. Learning ordered binary decision diagrams. *Lecture Notes in Computer Science*, 997: 228–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Castro:1995:SPL

[1578] J. Castro and J. L. Balcazar. Simple PAC learning of simple decision

lists. *Lecture Notes in Computer Science*, 997:239–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Domingo:1995:CLM

[1579] C. Domingo and J. Shawe-Taylor. The complexity of learning minor closed graph classes. *Lecture Notes in Computer Science*, 997:249–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kodratoff:1995:TSI

[1580] Y. Kodratoff. Technical and scientific issues of KDD. *Lecture Notes in Computer Science*, 997:261–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sadohara:1995:ALP

[1581] K. Sadohara and M. Haraguchi. Analogical logic program synthesis algorithm that can refute inappropriate similarities. *Lecture Notes in Computer Science*, 997:266–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jantke:1995:RSC

[1582] K. P. Jantke. Reflecting and self-confident inductive inference machines. *Lecture Notes in Computer Science*, 997:282–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kobayashi:1995:AIC

[1583] S. Kobayashi and T. Yokomori. On approximately identifying concept classes in the limit. *Lecture Notes in Computer Science*, 997:298–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chester:1995:RRT

[1584] J. P. Chester and B. V. Dentskevich. Requirements for rapid technological deployment and exploitation. *Lecture Notes in Computer Science*, 998:3–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pavlou:1995:IIT

[1585] G. Pavlou and D. Griffin. Issues in the integration of IN and TMN. *Lecture Notes in Computer Science*, 998:12–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Popp:1995:SST

[1586] R. Popp, M. Froehlich, and N. Jefferies. Security services for telecommunications users. *Lecture Notes in Computer Science*, 998:28–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Endersz:1995:TSE

[1587] G. Endersz, T. Gabrielsson, F. Morast, and A. Bertsch. TMN security: An evolutionary approach. *Lecture Notes in Computer Science*, 998:40–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maillot:1995:TBA

[1588] D. Maillot, J. Olnes, and P. Spilling. A TTP-based architecture for TMN security and privacy. *Lecture Notes in Computer Science*, 998:52–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Karjoth:1995:IAC

[1589] G. Karjoth. Integrated access control management. *Lecture Notes in Computer Science*, 998:64–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Denley:1995:EEN

[1590] I. Denley, B. Hill, and A. Whitefield. An experimental evaluation of a normative user interface design for the configuration of telecommunication services. *Lecture Notes in Computer Science*, 998:77–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hewson:1995:PFT

[1591] T. J. Hewson, G. Allison, and A. M. Clarke. Providing future telecommunication services to naive users. *Lecture Notes in Computer Science*, 998:92–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marom:1995:UEM

[1592] R. Marom, M. Bolzoni, M. Goldberg, and D. Rotondi. Usability, an effective methodology for designing services in the agricultural sector. *Lecture Notes in Computer Science*, 998:104–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Condon:1995:CCB

[1593] C. Condon and S. Keuneke. Counting the costs and benefits of metaphor. *Lecture Notes in Computer Science*, 998:119–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DelaFuente:1995:ATC

[1594] L. A. De la Fuente. ASTERIX: The TINA-C architecture applied to ATM connection management. *Lecture Notes in Computer Science*, 998:134–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bocci:1995:ANS

[1595] M. Bocci, E. Scharf, P. Georgatsos, and M. Hansen. ATM network simulation support for TMN systems. *Lecture Notes in Computer Science*, 998:146–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsson:1995:ETO

[1596] R. Larsson and D. Cochrane. Engineering a TMN in an open distributed processing environment. *Lecture Notes in Computer Science*, 998:159–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lewis:1995:EMD

[1597] D. Lewis, T. Tiropanis, L. H. Bjerring, and L. M. Ericsson. Experiences in multi-domain management service development. *Lecture Notes in Computer Science*, 998:174–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

May:1995:RBI

[1598] J. May and A. Maia. The relationship between IOs and COs in VPN charging management. *Lecture Notes in Computer Science*, 998:185–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sartzetakis:1995:MT

[1599] S. Sartzetakis, C. Stathopoulos, V. Kalogeraki, and D. Griffin. Managing the TMN. *Lecture Notes in Computer Science*, 998:200–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kleier:1995:PCS

[1600] S. Kleier and C. Goerg. Personal communication system realizations: Performance and quality of service aspects on SS-no. 7. *Lecture Notes in Computer Science*, 998:213–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mahajan:1995:SOP

[1601] A. O. Mahajan and K. V. Lever. A self-organisation plane for distributed mobile wireless networks. *Lecture Notes in Computer Science*, 998:225–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Karabek:1995:FHR

[1602] R. Karabek and W. Reinhardt. Future hypermedia retrieval systems and their impact on transfer systems. *Lecture Notes in Computer Science*, 998: 237–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaspoz:1995:VDR

[1603] J.-P. Gaspoz, C. Gbaguidi, and J. Meinkoehn. VPN on DCE: From reference configuration to implementation. *Lecture Notes in Computer Science*, 998:249–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kisker:1995:APN

[1604] W. Kisker and J. M. Schneider. ATM public network management in PREPARE. *Lecture Notes in Computer Science*, 998:261–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Georgatsos:1995:MSP

[1605] P. Georgatsos and D. Griffin. Management services for performance verification in broadband multi-service networks. *Lecture Notes in Computer Science*, 998:275–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Morris:1995:SBR

[1606] C. Morris and J. Nelson. An SDL based realisation of an IN service development environment. *Lecture Notes in Computer Science*, 998:292–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ritterbecks:1995:PED

[1607] A. Ritterbecks, D. Lawniczak, and N. Niebert. Performance evaluation of database concepts for personal communication systems. *Lecture Notes in Computer Science*, 998:309–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goebel:1995:NGD

[1608] V. Goebel, B. H. Johansen, H. C. Lochsen, and T. Plagemann. Next generation database technologies for advanced communication services. *Lecture Notes in Computer Science*, 998: 320–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Olsen:1995:UST

[1609] A. Olsen and B. B. Noerbaek. Using SDL for targeting services to CORBA. *Lecture Notes in Computer Science*, 998:334–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tag:1995:EAO

[1610] M. Tag, A. Lesch, P. Fisher, and A. Gallis. An engineering approach for open multimedia services management. *Lecture Notes in Computer Science*, 998:347–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coates:1995:AUM

[1611] P. Coates and J. Ellman. An approach to user management of broadband services. *Lecture Notes in Computer Science*, 998:360–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Milsted:1995:OOM

[1612] K. Milsted. OMT object models of telecommunications services. *Lecture Notes in Computer Science*, 998:369–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeMeer:1995:QMD

[1613] J. De Meer and A. Hafid. QoS modelling of distributed teleoperating services. *Lecture Notes in Computer Science*, 998:380–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Magedanz:1995:IIA

[1614] T. Magedanz. On the impacts of intelligent agent concepts on future telecommunication environments. *Lecture Notes in Computer Science*, 998:396–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vassila:1995:IAM

[1615] A. Vassila and G. J. Knight. Introducing active managed objects for effective and autonomous distributed management. *Lecture Notes in Computer Science*, 998:415–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pavlou:1995:IRM

[1616] G. Pavlou, K. McCarthy, G. Mykoniatis, and J. Sanchez. Intelligent remote monitoring. *Lecture Notes in Computer Science*, 998:430–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ruano:1995:SCM

[1617] F. Ruano and C. Aurrecoechea. Session control model for TINA multimedia services. *Lecture Notes in Computer Science*, 998:447–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huelamo:1995:TBA

[1618] J. Huelamo, E. Carrera, and H. Zuidweg. TINA based advanced UPT service prototype: Early introduction of TINA through the IN domain. *Lecture Notes in Computer Science*, 998:458–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reyniers:1995:UAA

[1619] G. Reyniers and P. Hellemans. Use of atomic action principles to co-ordinate the interaction between TINA service managers. *Lecture Notes in Computer Science*, 998:468–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berndt:1995:CAF

[1620] H. Berndt, M. Chapman, P. Schoo, and I. Toennby. A comparison of architectures for future telecommunication services. *Lecture Notes in Computer Science*, 998:476–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DAurelio:1995:EAT

[1621] M. D'Aurelio and M. Peirgigli. External access to TMN: an ODP specification. *Lecture Notes in Computer Science*, 998:490–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bakker:1995:IPF

[1622] H. Bakker, J. H. Heilesen, G. Schapeler, and M. Anagnostou. The implementation of PSCS features in a RACE ATM demonstrator. *Lecture Notes in Computer Science*, 998:492–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ostrowski:1995:SMI

[1623] M. Ostrowski and R. Coutts. Simulation model for intelligent network based personal communication services. *Lecture Notes in Computer Science*, 998:495–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

SantAna:1995:IPT

[1624] P. SantAna, O. Bravo, and A. Martin. Integration path of IN and TMN architectures — using UPT as a case study. *Lecture Notes in Computer Science*, 998:497–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sharobim:1995:DSM

[1625] H. R. Sharobim. Dedicated server multicast routing for large scale ATM networks. *Lecture Notes in Computer Science*, 998:500–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arnold:1995:AEA

[1626] F. Arnold. Application of IS and N for efficient aircraft pre-design. *Lecture Notes in Computer Science*, 998:501–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stephanidis:1995:DAM

[1627] C. Stephanidis, C. Karagiannidis, and A. Koumpis. Developing alternative metaphors for special B-ISDN services. *Lecture Notes in Computer Science*, 998:504–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stephanidis:1995:TBU

[1628] C. Stephanidis, Y. Mitsopoulos, A. Stergiou, and A. Koumpis. Tool based user interface construction facilitating access to users with disabilities. *Lecture Notes in Computer Science*, 998:506–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Asarin:1995:SCS

[1629] E. Asarin, O. Maler, and A. Pnueli. Symbolic controller synthesis for discrete and timed systems. *Lecture Notes in Computer Science*, 999:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Birdwell:1995:CIS

[1630] J. D. Birdwell and B. C. Moore. Condensation of information from signals for process modeling and control. *Lecture Notes in Computer Science*, 999: 15–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benvenisbe:1995:CSS

[1631] A. Benvenisbe, B. C. Levy, E. Fabre, and P. Le Guernie. A calculus of stochastic systems for the specification simulation and hidden state estimation of hybrid stochastic/non-stochastic systems. *Lecture Notes in Computer Science*, 999:21–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouajjani:1995:AVS

[1632] A. Bouajjani, R. Echahed, and R. Robbana. On the automatic verification of systems with continuous variables and unbounded discrete data structures. *Lecture Notes in Computer Science*, 999:61–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caines:1995:DCH

[1633] P. E. Caines and Y.-J. Wei. On dynamically consistent hybrid systems. *Lecture Notes in Computer Science*, 999: 86–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeClaris:1995:SLN

[1634] N. De Claris and M.-C. Su. A self-learning neuro-fuzzy system. *Lecture Notes in Computer Science*, 999:106–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dogruel:1995:MSI

[1635] M. Dogruel and U. Oezguener. Modeling and stability issues in hybrid systems. *Lecture Notes in Computer Science*, 999:118–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deshpande:1995:VCH

[1636] A. Deshpande and P. Varaiya. Viable control of hybrid systems. *Lecture Notes in Computer Science*, 999: 128–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Godbole:1995:HHC

[1637] D. N. Godbole, J. Lygeros, and S. Sastry. Hierarchical hybrid control. *Lecture Notes in Computer Science*, 999: 166–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grossman:1995:HSQ

[1638] R. L. Grossman and M. Sweedler. Hybrid systems and quantum automata: Preliminary announcement. *Lecture Notes in Computer Science*, 999:191–??, 1995. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Guekenheimer:1995:PHS

[1639] J. Guekenheimer and S. Johnson. Planar hybrid systems. *Lecture Notes in Computer Science*, 999:202–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gupta:1995:PHC

[1640] V. Gupta, R. Jagadeesan, V. Saraswat, and D. G. Bobrow. Programming in hybrid constraint languages. *Lecture Notes in Computer Science*, 999:226–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Henzinger:1995:NAI

[1641] T. A. Henzinger and P.-H. Ho. A note on abstract interpretation strategies for hybrid automata. *Lecture Notes in Computer Science*, 999:252–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Henzinger:1995:HCH

[1642] T. A. Henzinger and P.-H. Ho. HYTECH: The Cornell HYbrid TECHnology tool. *Lecture Notes in Computer Science*, 999:265–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kohn:1995:HSF

[1643] W. Kohn, A. Nerode, and J. B. Remmel. Hybrid systems as Finsler manifolds: Finite state control as approximation to connections. *Lecture Notes in Computer Science*, 999:291–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nerode:1995:CFP

[1644] A. Nerode, J. B. Remmel, and A. Yakhnis. Controllers as fixed points of set-valued operators. *Lecture Notes in Computer Science*, 999:311–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lemmon:1995:CHC

[1645] M. Lemmon, C. Bett, P. Szymanski, and P. Antsaklis. Constructing hybrid control systems from robust linear control agents. *Lecture Notes in Computer Science*, 999:322–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Puri:1995:VHS

[1646] A. Puri and P. Varaiya. Verification of hybrid systems using abstractions. *Lecture Notes in Computer Science*, 999:359–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ruisch:1995:CCP

[1647] J. Ruisch. Control of continuous plants by symbolic output feedback. *Lecture Notes in Computer Science*, 999:370–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raon:1995:HCR

[1648] A. P. Raon, H. Rischel, M. Holdgaard, and T. J. Eriksen. Hybrid control of a robot. *Lecture Notes in Computer Science*, 999:391–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roux:1995:VTB

[1649] O. Roux and V. Rusu. Verifying time-bounded properties for ELECTRE reactive programs with stopwatch automata. *Lecture Notes in Computer Science*, 999:405–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sarjoughian:1995:IMF

[1650] H. S. Sarjoughian and B. Zeigler. Inductive modeling: A framework marrying systems theory and non-monotonic reasoning. *Lecture Notes in Computer Science*, 999:417–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shyamasundar:1995:SVH

[1651] R. K. Shyamasundar and S. Ramesh. Semantics and verification of hierarchical CRP programs. *Lecture Notes in Computer Science*, 999:436–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sliver:1995:ICD

[1652] J. A. Sliver, P. J. Antsaklis, and M. D. Lemmon. Interface and controller design for hybrid control systems. *Lecture Notes in Computer Science*, 999:462–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tiltus:1995:HO

[1653] M. Tiltus and B. Egardt. Hybrid objects. *Lecture Notes in Computer Science*, 999:493–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1995:MHS

[1654] Y. Y. Yang, D. A. Linkens, and S. P. Banks. Modeling of hybrid systems based on extended coloured Petri nets. *Lecture Notes in Computer Science*, 999:509–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zeigler:1995:DFM

[1655] B. P. Zeigler, H. S. Song, T. G. Kim, and H. Praehofer. DEVS framework for modeling, simulation, analysis, and design of hybrid systems. *Lecture Notes in Computer Science*, 999:529–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1995:SHC

[1656] Y. Zhang and A. K. Mackworth. Synthesis of hybrid constraint-based controllers. *Lecture Notes in Computer Science*, 999:552–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brassard:1995:QJC

[1657] G. Brassard. A quantum jump in computer science. *Lecture Notes in Computer Science*, 1000:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steels:1995:ALR

[1658] L. Steels and M. Tokoro. Artificial life and real world computing. *Lecture Notes in Computer Science*, 1000:15–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Siegelmann:1995:RNN

[1659] H. T. Siegelmann. Recurrent neural networks. *Lecture Notes in Computer Science*, 1000:29–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McColl:1995:SC

[1660] W. F. McColl. Scalable computing. *Lecture Notes in Computer Science*, 1000:46–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Monien:1995:EUP

[1661] B. Monien, R. Diekmann, R. Feldmann, and R. Klasing. Efficient use of parallel and distributed systems: From theory to practice. *Lecture Notes in Computer Science*, 1000:62–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Snyder:1995:EVM

[1662] L. Snyder. Experimental validation of models of parallel computation. *Lecture Notes in Computer Science*, 1000: 78–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiedermann:1995:QVP

[1663] J. Wiedermann. Quo vadetis, parallel machine models? *Lecture Notes in Computer Science*, 1000:101–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bai:1995:TLA

[1664] Z. Bai, D. Day, J. Demmel, and J. Dongarra. Templates for linear algebra problems. *Lecture Notes in Computer Science*, 1000:115–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beth:1995:ABI

[1665] T. Beth, A. Klappenecker, T. Minkwitz, and A. Nueckel. The ART behind IDEAS. *Lecture Notes in Computer Science*, 1000:141–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adleman:1995:ANT

[1666] L. M. Adleman. Algorithmic number theory and its relationship to computational complexity. *Lecture Notes in Computer Science*, 1000:159–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nakano:1995:ECA

[1667] S. Nakano, X. Zhou, and T. Nishizeki. Edge-coloring algorithms. *Lecture Notes in Computer Science*, 1000:172–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hannenhalli:1995:TCT

[1668] S. Hannenhalli and P. A. Pevzner. Towards a computational theory of genome rearrangements. *Lecture Notes in Computer Science*, 1000:184–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Herlihy:1995:ATD

[1669] M. Herlihy and S. Rajsbaum. Algebraic topology and distributed computing — A primer. *Lecture Notes in Computer Science*, 1000:203–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anuchitanukul:1995:DB

[1670] A. Anuchitanukul, Z. Manna, and T. E. Uribe. Differential BDDs. *Lecture Notes in Computer Science*, 1000:218–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agarwal:1995:ATG

[1671] P. K. Agarwal and M. Sharir. Algorithmic techniques for geometric optimization. *Lecture Notes in Computer Science*, 1000:234–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nievergelt:1995:ANH

[1672] J. Nievergelt, R. Gasser, F. Maeser, and C. Wirth. All the needles in a haystack: Can exhaustive search overcome combinatorial chaos? *Lecture Notes in Computer Science*, 1000:254–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Radcliffe:1995:FLS

[1673] N. J. Radcliffe and P. D. Surry. Fundamental limitations on search algorithms: Evolutionary computing in perspective. *Lecture Notes in Computer Science*, 1000:275–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Broy:1995:MSM

[1674] M. Broy. Mathematical system models as a basis of software engineering. *Lecture Notes in Computer Science*, 1000:292–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shaw:1995:FFS

[1675] M. Shaw and D. Garlan. Formulations and formalisms in software architecture. *Lecture Notes in Computer Science*, 1000:307–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smolka:1995:OPMb

[1676] G. Smolka. The Oz programming model. *Lecture Notes in Computer Science*, 1000:324–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wood:1995:SGM

[1677] D. Wood. Standard generalized markup language: Mathematical and philosophical issues. *Lecture Notes in Computer Science*, 1000:344–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gries:1995:AUU

[1678] D. Gries and F. B. Schneider. Avoiding the undefined by underspecification. *Lecture Notes in Computer Science*, 1000:366–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harel:1995:TTR

[1679] D. Harel. Towards a theory of recursive structures. *Lecture Notes in Computer Science*, 1000:374–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pratt:1995:CST

[1680] V. Pratt. Chu spaces and their interpretation as concurrent objects. *Lecture Notes in Computer Science*, 1000:

392–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bruynooghe:1995:AUK

[1681] M. Bruynooghe, M. Codish, and A. Mulkers. Abstracting unification: A key step in the design of logic program analyses. *Lecture Notes in Computer Science*, 1000:406–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1995:PSC

[1682] R. Anderson and R. Needham. Programming Satan's computer. *Lecture Notes in Computer Science*, 1000:426–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reisig:1995:PNM

[1683] W. Reisig. Petri net models of distributed algorithms. *Lecture Notes in Computer Science*, 1000:441–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clarke:1995:SIM

[1684] E. M. Clarke and S. Jha. Symmetry and induction in model checking. *Lecture Notes in Computer Science*, 1000:455–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vardi:1995:AAP

[1685] M. Y. Vardi. Alternating automata and program verification. *Lecture Notes in Computer Science*, 1000:471–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sandewall:1995:RAA

[1686] E. Sandewall. Reasoning about actions and change with ramification. *Lecture Notes in Computer Science*, 1000:486–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eklundh:1995:TAV

[1687] J.-O Eklundh. Trends in active vision. *Lecture Notes in Computer Science*, 1000:505–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1995:CML

[1688] M. Li and P. Vitanyi. Computational machine learning in theory and praxis. *Lecture Notes in Computer Science*, 1000:518–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yager:1995:FST

[1689] R. R. Yager. Fuzzy sets as a tool for modeling. *Lecture Notes in Computer Science*, 1000:536–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanRijsbergen:1995:IRI

[1690] C. J. Van Rijsbergen. Information retrieval and informative reasoning. *Lecture Notes in Computer Science*, 1000:549–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vossen:1995:DTM

[1691] G. Vossen. Database transaction models. *Lecture Notes in Computer Science*, 1000:560–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bulterman:1995:MAT

[1692] D. C. A. Bulterman and L. Hardman. Multimedia authoring tools: State of the art and research challenges. *Lecture Notes in Computer Science*, 1000:575–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaeppner:1995:CMD

[1693] T. Kaeppner and R. Steinmetz. Computational models for distributed multimedia applications. *Lecture Notes in Computer Science*, 1000:592–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maurer:1995:HSI

[1694] H. Maurer. Hypermedia systems as Internet tools. *Lecture Notes in Computer Science*, 1000:608–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miyano:1995:APA

[1695] S. Miyano. Algorithmic problems arising from genome informatics. *Lecture Notes in Computer Science*, 1004:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shimozono:1995:AAA

[1696] S. Shimozono. An approximation algorithm for alphabet indexing problem. *Lecture Notes in Computer Science*, 1004:2–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Katajainen:1995:FSE

[1697] J. Katajainen, A. Moffat, and A. Turpin. A fast and space-economical algorithm for length-limited coding. *Lecture Notes in Computer Science*, 1004:12–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bhattacharya:1995:CLT

[1698] B. K. Bhattacharya and A. Mukhopadhyay. Computing in linear time a chord from which a simple polygon is weakly internally visible. *Lecture Notes in Computer Science*, 1004:22–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Datta:1995:CSP

[1699] A. Datta, C. A. Hipke, and S. Schuierer. Competitive searching in polygons-beyond generalised streets. *Lecture Notes in Computer Science*, 1004:32–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lokam:1995:LVN

[1700] S. V. Lokam, M. Mahajan, and V. Vinay. Logspace verifiers, NC, and NP. *Lecture Notes in Computer Science*, 1004:52–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Karg:1995:SAC

[1701] C. Karg and R. Schuler. Structure in average case complexity. *Lecture Notes in Computer Science*, 1004:62–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chien:1995:SGL

[1702] H. Chien and W. Steiger. Some geometric lower bounds. *Lecture Notes in Computer Science*, 1004:72–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arge:1995:COB

[1703] L. Arge. The I/O-complexity of ordered binary-decision diagram manipulation. *Lecture Notes in Computer Science*, 1004:82–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frank:1995:TAD

[1704] A. Frank, T. Ibaraki, and H. Nagamochi. Two arc disjoint paths in Eulerian digraphs. *Lecture Notes in Computer Science*, 1004:92–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Asahiro:1995:FDS

[1705] Y. Asahiro and K. Iwama. Finding dense subgraphs. *Lecture Notes in Computer Science*, 1004:102–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gupta:1995:FSS

[1706] A. Gupta and N. Nishimura. Finding smallest supertrees. *Lecture Notes in Computer Science*, 1004:112–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chang:1995:WDC

[1707] M.-S. Chang. Weighted domination of cocomparability graphs. *Lecture Notes in Computer Science*, 1004:122–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andreev:1995:PCA

[1708] A. E. Andreev, A. Clementi, P. Crescenzi, and E. Dahlhaus. The parallel complexity of approximating the high degree subgraph problem. *Lecture Notes in Computer Science*, 1004: 132–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bafna:1995:CRA

[1709] V. Bafna, P. Berman, and T. Fujito. Constant ratio approximations of the weighted feedback vertex set problem for undirected graphs. *Lecture Notes in Computer Science*, 1004:142–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Halldorsson:1995:GAI

[1710] M. M. Halldorsson and K. Yoshihara. Greedy approximations of independent sets in low degree graphs. *Lecture Notes in Computer Science*, 1004:152–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Crossley:1995:PL

[1711] J. N. Crossley. Practical logic. *Lecture Notes in Computer Science*, 1004: 162–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ono:1995:AAM

[1712] T. Ono, T. Hirata, and T. Asano. An approximation algorithm for MAX 3-SAT. *Lecture Notes in Computer Science*, 1004:163–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tani:1995:LRR

[1713] S. Tani and K. Yamazaki. Learning of restricted RNLC graph languages. *Lecture Notes in Computer Science*, 1004:171–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papadimitriou:1995:OID

[1714] C. H. Papadimitriou, S. Ramanathan, and P. V. Rangan. Optimal information delivery. *Lecture Notes in Computer Science*, 1004:181–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Santoro:1995:CTC

[1715] N. Santoro, J. Ren, and A. Nayak. On the complexity of testing for catastrophic faults. *Lecture Notes in Computer Science*, 1004:188–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kwon:1995:SPT

[1716] O.-H. Kwon and K.-Y. Chwa. Scheduling parallel tasks with individual deadlines. *Lecture Notes in Computer Science*, 1004:198–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VonzurGathen:1995:OGP

[1717] J. Von zur Gathen and I. Shparlinski. Orders of Gauss periods in finite fields. *Lecture Notes in Computer Science*, 1004:208–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Havas:1995:HPA

[1718] G. Havas and B. S. Majewski. A hard problem that is almost always easy. *Lecture Notes in Computer Science*, 1004:216–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sekine:1995:CTP

[1719] K. Sekine, H. Imai, and S. Tani. Computing the Tutte polynomial of a graph of moderate size. *Lecture Notes in Computer Science*, 1004:224–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dedorath:1995:MEP

[1720] J. Dedorath, J. Gergov, and T. Hagerup. More efficient parallel flow algorithms. *Lecture Notes in Computer Science*, 1004:234–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carlsson:1995:LTP

[1721] S. Carlsson and M. Sundstroem. Linear-time in-place selection in less than 3n comparisons. *Lecture Notes in Computer Science*, 1004:244–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carlsson:1995:HCO

[1722] S. Carlsson and J. Chen. Heap construction: Optimal in both worst and average cases? *Lecture Notes in Computer Science*, 1004:254–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shi:1995:FAD

[1723] F. Shi. Fast approximate dictionary matching. *Lecture Notes in Computer Science*, 1004:264–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hsu:1995:UVC

[1724] T.-S. Hsu. Undirected vertex-connectivity structure and smallest four-vertex-connectivity augmentation. *Lecture Notes in Computer Science*, 1004:274–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Damaschke:1995:SMF

[1725] P. Damaschke. Searching for a monotone function by independent threshold queries. *Lecture Notes in Computer Science*, 1004:284–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Makino:1995:FSA

[1726] K. Makino and T. Ibaraki. A fast and simple algorithm for identifying 2-Monotonic positive Boolean functions. *Lecture Notes in Computer Science*, 1004:291–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yen:1995:DBT

[1727] H.-C. Yen, S.-T. Jian, and T.-P. Lao. Deciding bisimulation and trace equivalences for systems with many identical processes. *Lecture Notes in Computer Science*, 1004:301–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Preparata:1995:SAL

[1728] F. P. Preparata. Should Amdahl's law be repealed? *Lecture Notes in Computer Science*, 1004:311–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hamada:1995:EHR

[1729] Y. Hamada, A. Mei, Y. Nishitani, and Y. Igarashi. Embeddings of hyperrings in hypercubes. *Lecture Notes in Computer Science*, 1004:312–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1995:FAC

[1730] S.-W. Cheng and C.-K. Tang. A fast algorithm for computing optimal rectilinear Steiner trees for extremal point sets. *Lecture Notes in Computer Science*, 1004:322–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhou:1995:AFC

[1731] X. Zhou and T. Nishizeki. Algorithms for finding f-colorings of partial k-trees. *Lecture Notes in Computer Science*, 1004:332–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cho:1995:SCT

[1732] H.-G. Cho and A. Zelikovsky. Spanning closed trail and Hamiltonian cycle in grid graphs. *Lecture Notes in Computer Science*, 1004:342–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hsu:1995:LTA

[1733] W.-L. Hsu. A linear time algorithm for finding maximal planar subgraphs. *Lecture Notes in Computer Science*, 1004:352–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abello:1995:IOF

[1734] J. Abello, V. Estivill-Castro, T. Shermer, and J. Urrutia. Illumination with orthogonal floodlights. *Lecture Notes in Computer Science*, 1004:362–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bose:1995:NQE

[1735] P. Bose and G. Toussaint. No quadrangulation is extremely odd. *Lecture Notes in Computer Science*, 1004:372–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chin:1995:FMA

[1736] F. Chin, J. Snoeyink, and Cao An Wang. Finding the medial axis of a simple polygon in linear time. *Lecture Notes in Computer Science*, 1004:382–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krznaric:1995:FSA

[1737] D. Krznaric and C. Levcopoulos. The first subquadratic algorithm for complete linkage clustering. *Lecture Notes in Computer Science*, 1004:392–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bradford:1995:MNB

[1738] P. G. Bradford and R. Fleischer. Matching nuts and bolts faster. *Lecture Notes in Computer Science*, 1004:402–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fu:1995:LMT

[1739] J. J. Fu. Linear matching-time algorithm for the directed graph isomorphism problem. *Lecture Notes in Computer Science*, 1004:409–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fujita:1995:RAP

[1740] S. Fujita, T. Kameda, and M. Yamashita. A resource assignment problem on graphs. *Lecture Notes in Computer Science*, 1004:418–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1995:NAPa

[1741] Z.-Z. Chen. NC algorithms for partitioning sparse graphs into induced forests with an application. *Lecture Notes in Computer Science*, 1004:428–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adams:1995:OCS

[1742] P. Adams and M. Solomon. An overview of the CAPITL software development environment. *Lecture Notes in Computer Science*, 1005:1–34, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cagan:1995:UCM

[1743] M. Cagan. Untangling configuration management. *Lecture Notes in Computer Science*, 1005:35–52, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leblang:1995:SCM

[1744] D. B. Leblang and P. H. Levine. Software configuration management: Why is it needed and what should it do? *Lecture Notes in Computer Science*, 1005:53–60, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reichenberger:1995:VTO

[1745] C. Reichenberger. VOODOO — A tool for orthogonal version management. *Lecture Notes in Computer Science*, 1005:61–79, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brereton:1995:DSB

[1746] P. Brereton and P. Singleton. Deductive software building. *Lecture Notes in Computer Science*, 1005:81–87, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmerl:1995:DCM

[1747] B. R. Schmerl and C. D. Marlin. Designing configuration management facilities for dynamically bound systems. *Lecture Notes in Computer Science*, 1005:88–100, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lin:1995:CMT

[1748] Y.-J. Lin and S. P. Reiss. Configuration management in terms of modules. *Lecture Notes in Computer Science*, 1005:101–117, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Estublier:1995:TDV

[1749] J. Estublier and R. Casallas. Three dimensional versioning. *Lecture Notes in Computer Science*, 1005:118–135, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Viskari:1995:RAC

[1750] J. Viskari. A rationale for automated configuration status accounting. *Lecture Notes in Computer Science*, 1005:138–144, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lago:1995:TPS

[1751] P. Lago and R. Conradi. Transaction planning to support coordination. *Lecture Notes in Computer Science*, 1005:145–151, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buffenbarger:1995:SSM

[1752] J. Buffenbarger. Syntactic software merging. *Lecture Notes in Computer Science*, 1005:153–172, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Godart:1995:ASR

[1753] C. Godart, G. Canals, F. Charoy, and P. Molli. About some relationships between configuration management, soft-

ware process and cooperative work: The COO environment. *Lecture Notes in Computer Science*, 1005:173–178, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MacKay:1995:SAC

[1754] S. A. MacKay. The state-of-the-art in concurrent, distributed configuration management. *Lecture Notes in Computer Science*, 1005:180–193, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Allen:1995:CMS

[1755] L. Allen, G. Fernandez, K. Kane, and D. Leblang. ClearCase MultiSite: Supporting geographically-distributed software development. *Lecture Notes in Computer Science*, 1005:194–214, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tryggeseth:1995:MSV

[1756] E. Tryggeseth, B. Gulla, and R. Conradi. Modelling systems with variability using the PROTEUS configuration language. *Lecture Notes in Computer Science*, 1005:216–240, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clemm:1995:OS

[1757] G. M. Clemm. The Odin system. *Lecture Notes in Computer Science*, 1005: 241–262, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Christensen:1995:SSH

[1758] A. Christensen and T. Egge. Store — A system for handling third-party applications in a heterogeneous computer environment. *Lecture Notes in Computer Science*, 1005:263–276, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adams:1995:WCB

[1759] C. Adams. Why can't I buy an SCM tool? *Lecture Notes in Computer Science*, 1005:278–287, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ray:1995:ESB

[1760] R. J. Ray. Experiences with a script-based software configuration management system. *Lecture Notes in Computer Science*, 1005:282–287, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parker:1995:CCC

[1761] K. Parker. Customization of a commercial CM system to provide better management mechanisms. *Lecture Notes in Computer Science*, 1005:289–292, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Persson:1995:ECI

[1762] A. Persson. Experiences of customization and introduction of a CM model. *Lecture Notes in Computer Science*, 1005:293–303, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanderHoek:1995:DCM

[1763] A. Van der Hoek, D. Heimbigner, and A. L. Wolf. Does configuration management research have a future? *Lecture Notes in Computer Science*, 1005:305–309, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ekenberg:1995:CBS

[1764] L. Ekenberg and P. Johannesson. Conflictfreeness as a basis for schema integration. *Lecture Notes in Computer Science*, 1006:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biskup:1995:DSD

[1765] J. Biskup. Database schema design theory: Achievements and challenges. *Lecture Notes in Computer Science*, 1006:14–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Panda:1995:MSD

[1766] B. Panda and W. Perrizo. Maintaining surrogate data for query acceleration in multilevel secure database systems. *Lecture Notes in Computer Science*, 1006:45–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andres:1995:CDC

[1767] F. Andres, F. Kwakkel, and M. L. Kersten. Calibration of a DBMS cost model with the software testpilot. *Lecture Notes in Computer Science*, 1006:58–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Poenighaus:1995:FSS

[1768] R. Poenighaus. "favourite" SQL-Statements — an empirical analysis of SQL-Usage in commercial applications. *Lecture Notes in Computer Science*, 1006:75–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bhar:1995:SAD

[1769] S. Bhar and K. Barker. Static allocation in distributed objectbase systems: A graphical approach. *Lecture Notes in Computer Science*, 1006:92–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reddy:1995:EDA

[1770] M. P. Reddy and R. Y. Wang. Estimating data accuracy in a federated database environment. *Lecture Notes in Computer Science*, 1006:115–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bhargava:1995:SDT

[1771] B. Bhargava, Y. Zhang, and S. Goel. A study of distributed transaction processing in an Internetwork. *Lecture Notes in Computer Science*, 1006:135–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harris:1995:UOR

[1772] W. Harris, R. McClatchey, and N. Baker. The use of an object repository in the configuration of control systems at CERN. *Lecture Notes in Computer Science*, 1006:153–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Furuse:1995:IPE

[1773] K. Furuse, K. Asada, and A. Iizawa. Implementation and performance evaluation of compressed bit-sliced signature files. *Lecture Notes in Computer*

Science, 1006:164–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sako:1995:PMT

[1774] K. Sako, T. Nemoto, M. Kitsuregawa, and M. Takagi. Partial migration in an 8mm tape based tertiary storage file system and its performance evaluation through satellite image processing applications. *Lecture Notes in Computer Science*, 1006:178–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fleury:1995:SAR

[1775] L. Fleury, C. Djeraba, H. Briand, and J. Philippe. Some aspect of rule discovery in data bases. *Lecture Notes in Computer Science*, 1006:192–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Terashima:1995:TFM

[1776] N. Terashima. Telesensation — fusion of multi-media information and information highways. *Lecture Notes in Computer Science*, 1006:206–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kolp:1995:RDD

[1777] M. Kolp and E. Zimanyi. Relational database design using an ER approach and Prolog. *Lecture Notes in Computer Science*, 1006:214–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Saeki:1995:SDI

[1778] M. Saeki, S. Sureerat, and K. Yoshida. Supporting distributed individual work in cooperative specification development. *Lecture Notes in Computer Science*, 1006:232–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parimala:1995:HCD

[1779] N. Parimala. Handling changes in dynamic specifications in object oriented systems. *Lecture Notes in Computer Science*, 1006:248–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mumick:1995:RMV

[1780] I. S. Mumick. The rejuvenation of materialized views. *Lecture Notes in Computer Science*, 1006:258–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Du:1995:NLR

[1781] X. Du and N. Ishii. Normalization of linear recursions based on graph transformations. *Lecture Notes in Computer Science*, 1006:265–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ng:1995:DRA

[1782] Y.-K. Ng and N. Qaraeen. Data retrieval and aggregates in SQL0*/NR. *Lecture Notes in Computer Science*, 1006:283–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ganguly:1995:PPC

[1783] S. Ganguly, A. Gerasoulis, and W. Wang. Partitioning pipelines with communication costs. *Lecture Notes in Computer Science*, 1006:302–??, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baum:1995:CCP

[1784] U. Baum and S. Blackburn. Clock-controlled pseudorandom generators on finite groups. *Lecture Notes in Computer Science*, 1008:6–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chambers:1995:RMR

[1785] W. G. Chambers. On random mappings and random permutations. *Lecture Notes in Computer Science*, 1008: 22–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ding:1995:BCG

[1786] C. Ding. Binary cyclotomic generators. *Lecture Notes in Computer Science*, 1008:29–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dobbertin:1995:CBF

[1787] H. Dobbertin. Construction of bent functions and balanced Boolean functions with high nonlinearity. *Lecture Notes in Computer Science*, 1008:61–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lai:1995:ALS

[1788] X. Lai. Additive and linear structures of cryptographic functions. *Lecture Notes in Computer Science*, 1008: 75–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rivest:1995:REA

[1789] R. L. Rivest. The RC5 encryption algorithm. *Lecture Notes in Computer Science*, 1008:86–96, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blaze:1995:MBC

[1790] M. Blaze and B. Schneier. The MacGuffin block cipher algorithm. *Lecture Notes in Computer Science*, 1008: 97–110, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://www.counterpane.com/macguffin.html`.

Nyberg:1995:BRF

[1791] K. Nyberg. S-boxes and round functions with controllable linearity and differential uniformity. *Lecture Notes in Computer Science*, 1008:111–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

OConnor:1995:PLA

[1792] L. O'Connor. Properties of linear approximation tables. *Lecture Notes in Computer Science*, 1008:131–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1995:SOC

[1793] R. Anderson. Searching for the optimum correlation attack. *Lecture Notes in Computer Science*, 1008:137–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biham:1995:KPA

[1794] E. Biham and P. C. Kocher. A known plaintext attack on the PKZIP stream cipher. *Lecture Notes in Computer*

Science, 1008:144–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Golic:1995:LCS

[1795] J. D. Golic. Linear cryptanalysis of stream ciphers. *Lecture Notes in Computer Science*, 1008:154–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klapper:1995:FCS

[1796] A. Klapper. Feedback with carry shift registers over finite fields. *Lecture Notes in Computer Science*, 1008:170–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MacKay:1995:FEM

[1797] D. J. C. MacKay. A free energy minimization framework for inference problems in modulo 2 arithmetic. *Lecture Notes in Computer Science*, 1008:179–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Knudsen:1995:THO

[1798] L. R. Knudsen. Truncated and higher order differentials. *Lecture Notes in Computer Science*, 1008:196–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Massey:1995:SKO

[1799] J. L. Massey. SAFER K-64: One year later. *Lecture Notes in Computer Science*, 1008:212–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rijmen:1995:ICD

[1800] V. Rijmen and B. Preneel. Improved characteristics for differential cryptanalysis of hash functions based on block ciphers. *Lecture Notes in Computer Science*, 1008:242–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaliski:1995:LCU

[1801] B. S. Kaliski and M. J. B. Robshaw. Linear cryptanalysis using multiple approximations and FEAL. *Lecture Notes in Computer Science*, 1008:249–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bloecher:1995:PLC

[1802] U. Bloecher and M. Dichtl. Problems with the linear cryptanalysis of DES using more than one active S-box per round. *Lecture Notes in Computer Science*, 1008:265–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daemen:1995:CM

[1803] J. Daemen, R. Govaerts, and J. Vandewalle. Correlation matrices. *Lecture Notes in Computer Science*, 1008:275–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vaudenay:1995:NMC

[1804] S. Vaudenay. On the need for multipermutations: Cryptanalysis of MD4 and SAFER. *Lecture Notes in Computer Science*, 1008:286–297, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lucks:1995:HEI

[1805] S. Lucks. How to exploit the intractability of exact TSP for cryptography. *Lecture Notes in Computer Science*, 1008:298–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roe:1995:HRE

[1806] M. Roe. How to reverse engineer an EES device. *Lecture Notes in Computer Science*, 1008:305–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Penzhorn:1995:FHC

[1807] W. T. Penzhorn. A fast homophonic coding algorithm based on arithmetic coding. *Lecture Notes in Computer Science*, 1008:329–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1995:FKG

[1808] R. Anderson. On Fibonacci keystream generators. *Lecture Notes in Computer Science*, 1008:346–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rijmen:1995:CM

[1809] V. Rijmen and B. Preneel. Cryptanalysis of McGuffin. *Lecture Notes in Computer Science*, 1008:353–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roe:1995:PBC

[1810] M. Roe. Performance of block ciphers and hash functions — one year later. *Lecture Notes in Computer Science*, 1008:359–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wheeler:1995:TTE

[1811] David J. Wheeler and Roger M. Needham. TEA, a tiny encryption algorithm. *Lecture Notes in Computer Science*, 1008:363–366, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://www.springerlink.com/content/p16916lx735m2562/`. See also extensions XTEA [2321] and XXTEA [2322].

Broy:1995:CSE

[1812] M. Broy and M. Wirsing. Correct software: From experiments to applications. *Lecture Notes in Computer Science*, 1009:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pepper:1995:MDC

[1813] P. Pepper and M. Wirsing. A method for the development of correct software. *Lecture Notes in Computer Science*, 1009:27–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pepper:1995:RSH

[1814] P. Pepper, R. Betschko, S. Dick, and K. Didrich. Realizing sets by hash tables. *Lecture Notes in Computer Science*, 1009:58–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pinna:1995:EAG

[1815] M. Pinna and A. Poigne. Event automata as a generic model of reactive systems. *Lecture Notes in Computer Science*, 1009:74–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lewerentz:1995:OOD

[1816] C. Lewerentz, T. Lindner, A. Rueping, and E. Sekerinski. On object-oriented design and verification. *Lecture Notes in Computer Science*, 1009:92–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gastinger:1995:DMS

[1817] S. Gastinger, R. Hennicker, and R. Stabl. Design of modular software systems with reuse. *Lecture Notes in Computer Science*, 1009:112–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hettler:1995:ATR

[1818] R. Hettler, D. Nazareth, F. Regensburger, and O. Slotosch. AVL trees revisited: A case study in SPECTRUM. *Lecture Notes in Computer Science*, 1009:128–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ehrich:1995:KRL

[1819] H.-D. Ehrich. Korso reference languages — concepts and application domains. *Lecture Notes in Computer Science*, 1009:150–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolter:1995:HCS

[1820] U. Wolter, K. Didrich, F. Cornelius, and M. Klar. How to cope with the spectrum of SPECTRUM. *Lecture Notes in Computer Science*, 1009:173–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burghardt:1995:FGS

[1821] J. Burghardt. A fine-grain sort discipline and its application to formal program construction. *Lecture Notes in Computer Science*, 1009:190–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gogolla:1995:TLL

[1822] M. Gogolla, S. Conrad, G. Denker, and R. Herzig. TROLL light — the language and its development environment. *Lecture Notes in Computer Science*, 1009:205–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Santen:1995:FAS

[1823] T. Santen, F. Kammueller, S. Jaehnichen, and M. Beyer. Formalization of algebraic specification in the development language DEVA. *Lecture Notes in Computer Science*, 1009:223–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VonHenke:1995:CDM

[1824] F. Von Henke, A. Dold, H. Ruess, and D. Schwier. Construction and deduction methods for the formal development of software. *Lecture Notes in Computer Science*, 1009:239–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Loeckx:1995:ESE

[1825] J. Loeckx and J. Zeyer. Experiences with a specification environment. *Lecture Notes in Computer Science*, 1009: 255–??, 1995. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Krieg-Brueckner:1995:TCE

[1826] B. Krieg-Brueckner, J. Liu, H. Shi, and B. Wolff. Towards correct, efficient and reusable transformational developments. *Lecture Notes in Computer Science*, 1009:270–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deussen:1995:VST

[1827] P. Deussen, A. Hansmann, T. Kaeufl, and S. Klingenbeck. The verification system tatzelwurm. *Lecture Notes in Computer Science*, 1009:285–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stroetmann:1995:SPC

[1828] K. Stroetmann. Seduct — A proof compiler for first order logic. *Lecture Notes in Computer Science*, 1009:299–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bohn:1995:TTV

[1829] J. Bohn and H. Hungar. Traverdi — transformation and verification of distributed systems. *Lecture Notes in Computer Science*, 1009:317–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reif:1995:KAS

[1830] W. Reif. The KIV-Approach to software verification. *Lecture Notes in Computer Science*, 1009:339–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fuchss:1995:TSC

[1831] T. Fuchss, W. Reif, G. Schellhorn, and K. Stenzel. Three selected case studies in verification. *Lecture Notes in Computer Science*, 1009:371–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lewerentz:1995:PCC

[1832] C. Lewerentz and T. Lindner. "production cell": A comparative study in formal specification and verification. *Lecture Notes in Computer Science*, 1009:388–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cornelius:1995:KCS

[1833] F. Cornelius, H. Hussmann, and M. Loewe. The KORSO case study for software engineering with formal methods: A medical information system. *Lecture Notes in Computer Science*, 1009:417–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Allen:1995:ICB

[1834] J. R. C. Allen, D. W. R. Patterson, M. D. Mulvenna, and J. G. Hughes. Integration of case based retrieval with a relational database system in aircraft technical support. *Lecture Notes in Computer Science*, 1010:1–10, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bisio:1995:CES

[1835] R. Bisio and F. Malabocchia. Cost estimation of software projects through case base reasoning. *Lecture Notes in Computer Science*, 1010:11–22, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fuchs:1995:ODA

[1836] B. Fuchs, A. Mille, and B. Chiron. Operator decision aiding by adaptation of supervision strategies. *Lecture Notes in Computer Science*, 1010:23–32, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geffraye:1995:PDS

[1837] F. Geffraye, J. L. Wybo, and A. Russeil. PROFIL: A decision support tool for metallic sections design using a CBR approach. *Lecture Notes in Computer Science*, 1010:33–42, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Macura:1995:MRI

[1838] R. T. Macura and K. J. Macura. MacRad: Radiology image resource with a case-based retrieval system. *Lecture Notes in Computer Science*, 1010: 43–54, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marir:1995:RIB

[1839] F. Marir and I. Watson. Representing and indexing building refurbishment cases for multiple retrieval of adaptable pieces of cases. *Lecture Notes in Computer Science*, 1010:55–66, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Netten:1995:LSF

[1840] B. D. Netten and R. A. Vingerhoeds. Large-scale fault diagnosis for on-board train systems. *Lecture Notes in Computer Science*, 1010:67–76, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Opiyo:1995:CBR

[1841] E. T. O. Opiyo. Case-based reasoning for expertise relocation in support of rural health workers in developing countries. *Lecture Notes in Computer Science*, 1010:77–87, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stehr:1995:CML

[1842] J. Stehr. CBR and machine learning for combustion system design. *Lecture Notes in Computer Science*, 1010:98–108, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agre:1995:KML

[1843] G. Agre. KBS maintenance as learning two-tiered domain representation. *Lecture Notes in Computer Science*, 1010: 109–120, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aluisio:1995:CBA

[1844] S. M. Aluisio and O. N. Oliveira. A case-based approach for developing writing tools aimed at non-native English users. *Lecture Notes in Computer Science*, 1010:121–132, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ashley:1995:RRC

[1845] K. D. Ashley and B. M. McLaren. Reasoning with reasons in case-based comparisons. *Lecture Notes in Computer Science*, 1010:133–144, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bartsch-Spoerl:1995:TIC

[1846] B. Bartsch-Spoerl. Towards the integration of case-based, schema-based and model-based reasoning for supporting complex design tasks. *Lecture Notes in Computer Science*, 1010:145–156, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brown:1995:SCD

[1847] M. Brown, I. Watson, and N. Filer. Separating the cases from the data: Towards more flexible case-based reasoning. *Lecture Notes in Computer Science*, 1010:157–168, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haigh:1995:RPA

[1848] K. Z. Haigh and M. Veloso. Route planning by analogy. *Lecture Notes in Computer Science*, 1010:169–180, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hastings:1995:CAU

[1849] J. D. Hastings, L. K. Branting, and J. A. Lockwood. Case adaptation using an incomplete causal model. *Lecture Notes in Computer Science*, 1010:181–192, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hurley:1995:EAC

[1850] N. Hurley. Evaluating the application of CBR in mesh design for simulation problems. *Lecture Notes in Computer Science*, 1010:193–204, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hunt:1995:CMR

[1851] J. E. Hunt, D. E. Cooke, and H. Holstein. Case memory and retrieval based on the immune system. *Lecture Notes in Computer Science*, 1010:205–216, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Indurkhya:1995:UCD

[1852] N. Indurkhya and S. M. Weiss. Using case data to improve on rule-based function approximation. *Lecture Notes in Computer Science*, 1010:217–228, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leake:1995:LIC

[1853] D. B. Leake, A. Kinley, and D. Wilson. Learning to improve case adaptation by introspective reasoning and CBR. *Lecture Notes in Computer Science*, 1010:229–240, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Muthoz-Avila:1995:RCS

[1854] H. Muthoz-Avila and J. Huellen. Retrieving cases in structured domains by using goal dependencies. *Lecture Notes in Computer Science*, 1010:241–252, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Okamoto:1995:ACA

[1855] S. Okamoto and K. Satoh. An average-case analysis of k-nearest neighbor classifier. *Lecture Notes in Computer Science*, 1010:253–264, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Plaza:1995:CTF

[1856] E. Plaza. Cases as terms: A feature term approach to the structured representation of cases. *Lecture Notes in Computer Science*, 1010:265–276, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Portinale:1995:AID

[1857] L. Portinale and P. Torasso. ADAPtER: An integrated diagnostic system combining case-based and abductive reasoning. *Lecture Notes in Computer Science*, 1010:277–288, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Purvis:1995:AUC

[1858] L. Purvis and P. Pu. Adaptation using constraint satisfaction techniques. *Lecture Notes in Computer Science*, 1010:289–300, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ricci:1995:LLS

[1859] F. Ricci and P. Avesani. Learning a local similarity metric for case-based reasoning. *Lecture Notes in Computer Science*, 1010:301–312, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smyth:1995:EAG

[1860] B. Smyth and M. T. Keane. Experiments on adaptation-guided retrieval in case-based design. *Lecture Notes in Computer Science*, 1010:313–324, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Surma:1995:IRC

[1861] J. Surma and K. Vanhoof. Integrating rules and cases for the classification task. *Lecture Notes in Computer Science*, 1010:325–334, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Visser:1995:RKE

[1862] W. Visser. Reuse of knowledge: Empirical studies. *Lecture Notes in Computer Science*, 1010:335–346, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wettschereck:1995:WF

[1863] D. Wettschereck and D. W. Aha. Weighting features. *Lecture Notes in Computer Science*, 1010:347–358, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolverton:1995:IMP

[1864] M. Wolverton. An investigation of marker-passing algorithms for analogue retrieval. *Lecture Notes in Computer Science*, 1010:359–370, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Auriol:1995:ISI

[1865] E. Auriol, S. Wess, M. Manago, and K.-D. Althoff. INRECA: A seamlessly integrated system based on inductive inference and case-based reasoning. *Lecture Notes in Computer Science*, 1010:371–380, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bakhtari:1995:DAA

[1866] S. Bakhtari and W. Oertel. DOM-ArC: An active decision support system for quality assessment of cases. *Lecture Notes in Computer Science*, 1010:381–390, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bichindaritz:1995:CBR

[1867] I. Bichindaritz. A case-based reasoner adaptive to different cognitive tasks. *Lecture Notes in Computer Science*, 1010:391–400, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cunningham:1995:UCO

[1868] P. Cunningham, B. Smyth, and N. Hurley. On the use of CBR in optimisation problems such as the TSP. *Lecture Notes in Computer Science*, 1010:401–410, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deters:1995:CBD

[1869] R. Deters. Case-based diagnosis of multiple faults. *Lecture Notes in Computer Science*, 1010:411–420, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Flinter:1995:AGC

[1870] S. Flinter and M. T. Keane. On the automatic generation of case libraries by chunking chess games. *Lecture Notes in Computer Science*, 1010:421–430, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fox:1995:LRI

[1871] S. Fox and D. B. Leake. Learning to refine indexing by introspective reasoning. *Lecture Notes in Computer Science*, 1010:431–440, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goeker:1995:PSI

[1872] M. H. Goeker and H. Birkhofer. Problem solving with "the incredible machine": An experiment in case-based reasoning. *Lecture Notes in Computer Science*, 1010:441–450, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grolimund:1995:ICB

[1873] S. Grolimund and J.-G. Ganascia. Integrating case-based reasoning and tabu search for solving optimisation problems. *Lecture Notes in Computer Science*, 1010:451–460, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hanney:1995:STA

[1874] K. Hanney, M. T. Keane, B. Smyth, and P. Cunningham. Systems, tasks and adaptation knowledge: Revealing some revealing dependencies. *Lecture Notes in Computer Science*, 1010:461–470, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hinrichs:1995:SLF

[1875] T. R. Hinrichs. Some limitations of feature-based recognition in case-based design. *Lecture Notes in Computer Science*, 1010:471–480, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huang:1995:CBM

[1876] Y. Huang and R. Miles. A case based method for solving relatively stable dynamic constraint satisfaction problems. *Lecture Notes in Computer Science*, 1010:481–490, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kerner:1995:LSE

[1877] Y. Kerner. Learning strategies for explanation patterns: Basic game patterns with applications to chess. *Lecture Notes in Computer Science*, 1010: 491–500, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Khemani:1995:MBH

[1878] D. Khemani and P. V. S. R. Bhanu Prasad. A memory-based hierarchical planner. *Lecture Notes in Computer Science*, 1010:501–509, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:CBR

[1879] R. W. Lee, R. M. Barcia, and S. K. Khator. Case-based reasoning for cash flow forecasting using fuzzy retrieval. *Lecture Notes in Computer Science*, 1010:510–519, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Malek:1995:CIA

[1880] M. Malek. A connectionist indexing approach for CBR systems. *Lecture Notes in Computer Science*, 1010:520–527, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reategui:1995:UNN

[1881] E. Reategui, J. A. Campbell, and S. Borghetti. Using a neural network to learn general knowledge in a case-based system. *Lecture Notes in Computer Science*, 1010:528–537, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schaaf:1995:FSA

[1882] J. W. Schaaf. "fish and sink": An anytime-algorithm to retrieve adequate cases. *Lecture Notes in Computer Science*, 1010:538–547, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Strube:1995:KEC

[1883] G. Strube, A. Enzinger, D. Janetzko, and M. Knauff. Knowledge engineering for CBR systems from a cognitive science perspective. *Lecture Notes in Computer Science*, 1010:548–558, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ting:1995:TUS

[1884] Kai Ming Ting. Towards using a single uniform metric in instance-based learning. *Lecture Notes in Computer Science*, 1010:559–568, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ushida:1995:FAM

[1885] H. Ushida, T. Sato, T. Yamaguchi, and T. Takagi. Fuzzy associative memory system and its application to multi-modal interface. *Lecture Notes in Computer Science*, 1011:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kasabov:1995:HCF

[1886] N. K. Kasabov. Hybrid connectionist fuzzy systems for speech recognition and the use of connectionist production systems. *Lecture Notes in Computer Science*, 1011:19–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Teshnehlab:1995:FGP

[1887] M. Teshnehlab and K. Watanabe. Fuzzy Gaussian potential neural networks using a functional reasoning. *Lecture Notes in Computer Science*, 1011:34–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Khan:1995:RFL

[1888] E. Khan and F. Unal. Recurrent fuzzy logic using neural network. *Lecture Notes in Computer Science*, 1011:48–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:IAN

[1889] K.-M. Lee and H. Lee-Kwang. Information aggregating networks based on extended Sugeno's fuzzy integral. *Lecture Notes in Computer Science*, 1011:56–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cho:1995:NFA

[1890] S.-B. Cho. A neuro-fuzzy architecture for high performance classification. *Lecture Notes in Computer Science*, 1011:67–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schuster:1995:ISR

[1891] C. Schuster, T. Schmitz, and M. Hiller. Investigation of stability and robustness of a fuzzy traction control system. *Lecture Notes in Computer Science*, 1011:85–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Honda:1995:KBR

[1892] H. Honda, T. Hanai, Y. Nishida, and I. Fukaya. Knowledge-based rules for control of the sake (ginjoshu) making process and their application in fuzzy control. *Lecture Notes in Computer Science*, 1011:101–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:FSE

[1893] M. A. Lee and H. Takagi. A framework for studying the effects of dynamic crossover, mutation. and population sizing in genetic algorithms. *Lecture Notes in Computer Science*, 1011:111–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shimojima:1995:USL

[1894] K. Shimojima, Y. Hasegawa, and T. Fukuda. Unsupervised/supervised learning for RBF-Fuzzy system — adaptive rules, membership functions and hierarchical structure by genetic algorithm. *Lecture Notes in Computer Science*, 1011:127–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leitch:1995:GAD

[1895] D. Leitch and P. Probert. Genetic algorithms for the development of fuzzy

controllers for mobile robots. *Lecture Notes in Computer Science*, 1011:148–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Furuhashi:1995:NAG

[1896] T. Furuhashi, Y. Miyata, K. Nakaoka, and Y. Uchikawa. A new approach to genetic based machine learning and an efficient finding of fuzzy rules — proposal of nagoya approach. *Lecture Notes in Computer Science*, 1011:173–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takeda:1995:NMR

[1897] F. Takeda and S. Omatu. A neuro-money recognition using optimized masks by GA. *Lecture Notes in Computer Science*, 1011:190–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goonatilake:1995:GFS

[1898] S. Goonatilake, J. A. Campbell, and N. Ahmad. Genetic-fuzzy systems for financial decision making. *Lecture Notes in Computer Science*, 1011:202–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiedermann:1995:PMM

[1899] J. Wiedermann. Parallel machine models: How they are and where are they going. *Lecture Notes in Computer Science*, 1012:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hajek:1995:FLL

[1900] P. Hajek. Fuzzy logic from the logical point of view. *Lecture Notes in Computer Science*, 1012:31–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tel:1995:SDP

[1901] G. Tel. Sense of direction in processor networks. *Lecture Notes in Computer Science*, 1012:50–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Siegelmann:1995:WST

[1902] H. T. Siegelmann. Welcoming the super Turing theories. *Lecture Notes in Computer Science*, 1012:83–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Horne:1995:WNN

[1903] B. G. Horne, H. T. Siegelmann, and C. L. Giles. What NARX networks can compute. *Lecture Notes in Computer Science*, 1012:95–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jeffery:1995:DIP

[1904] K. G. Jeffery. Database: Introduction to problems. *Lecture Notes in Computer Science*, 1012:103–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grimson:1995:DIS

[1905] J. Grimson. Distributed information systems. *Lecture Notes in Computer Science*, 1012:120–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paton:1995:EDT

[1906] N. W. Paton. Extending database technology. *Lecture Notes in Computer Science*, 1012:146–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Betts:1995:ISP

[1907] A. J. G. Betts. Introducing SSADM4+ and PRINCE. *Lecture Notes in Computer Science*, 1012:166–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bicarregui:1995:FMP

[1908] J. C. Bicarregui and B. M. Matthews. Formal methods in practice: A comparison of two support systems for proof. *Lecture Notes in Computer Science*, 1012:184–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rischel:1995:DSC

[1909] H. Rischel, J. Cuellar, S. Moerk, and A. P. Ravn. Development of safety-critical real-time systems. *Lecture Notes in Computer Science*, 1012:206–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boerger:1995:WUE

[1910] E. Boerger. Why use evolving algebras for hardware and software engineering? *Lecture Notes in Computer Science*, 1012:236–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bac:1995:EC

[1911] C. Bac, G. Bernard, D. Conan, and Q. H. Nguyen. Experience with chorus. *Lecture Notes in Computer Science*, 1012:272–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chapman:1995:HLL

[1912] B. Chapman, P. Mehrotra, and H. P. Zima. High-level languages for parallel scientific computing. *Lecture Notes in Computer Science*, 1012:292–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maurer:1995:SNA

[1913] H. Maurer. On some new aspects of networked multimedia systems. *Lecture Notes in Computer Science*, 1012:315–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Limpouch:1995:QVG

[1914] A. Limpouch and K. Charvat. Quo vadis GIS: From GIS to GIMS and open GIS. *Lecture Notes in Computer Science*, 1012:334–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marshall:1995:WWW

[1915] V. A. Marshall. WWW — the World Wide Web. *Lecture Notes in Computer Science*, 1012:350–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Borovansky:1995:IHO

[1916] P. Borovansky. Implementation of higher-order unification based on cal-

culus of explicit substitution. *Lecture Notes in Computer Science*, 1012:363–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cappelli:1995:MHO

[1917] A. Cappelli, C. De Castro, and M. R. Scalas. A modular history-oriented access structure for bitemporal relational databases. *Lecture Notes in Computer Science*, 1012:369–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gellersen:1995:SEM

[1918] H.-W. Gellersen. Software engineering meets human-computer interaction: Integrating user interface design in an object-oriented methodology. *Lecture Notes in Computer Science*, 1012:375–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holan:1995:PFW

[1919] T. Holan, V. Kubon, and M. Platek. Parsing of free-word-order languages. *Lecture Notes in Computer Science*, 1012:379–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jennings:1995:DAF

[1920] E. Jennings. Distributed algorithm for finding a core of a tree network. *Lecture Notes in Computer Science*, 1012:385–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kozak:1995:SSR

[1921] P. Kozak. Stepwise synthesis of reactive programs. *Lecture Notes in Computer Science*, 1012:391–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1995:SEI

[1922] W. X. Li. A simple and efficient incremental LL(1) parsing. *Lecture Notes in Computer Science*, 1012:399–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lucas:1995:FCS

[1923] S. Lucas. Fundamentals of contexsensitive rewriting. *Lecture Notes in Computer Science*, 1012:405–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matyska:1995:CLP

[1924] L. Matyska and H. Bures. Constraint logic programming with fuzzy sets. *Lecture Notes in Computer Science*, 1012:413–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meunier:1995:PPI

[1925] F. Meunier and P. Zemanek. Parallel processing of image database queries. *Lecture Notes in Computer Science*, 1012:419–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Motyckova:1995:MFP

[1926] L. Motyckova. Maximum flow problem in distributed environment. *Lecture Notes in Computer Science*, 1012: 425–??, 1995. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Phuong:1995:FST

[1927] N. H. Phuong. Fuzzy set theory and medical expert systems: Survey and model. *Lecture Notes in Computer Science*, 1012:431–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pirotte:1995:FOO

[1928] A. Pirotte, T. Van den Berghe, and E. Zimanyi. The fusion object-oriented method: an evaluation. *Lecture Notes in Computer Science*, 1012:437–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Repaska:1995:IOO

[1929] Z. Repaska. Integration of object-oriented analysis and algebraic specifications. *Lecture Notes in Computer Science*, 1012:443–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rozloznik:1995:ISR

[1930] M. Rozloznik and Z. Strakos. On the implementation of some residual minimizing Krylov space methods. *Lecture Notes in Computer Science*, 1012:449–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1995:FLR

[1931] C. Smith and C. A. Tau. A formal lazy replication regime for spreading conversion functions over object-bases. *Lecture Notes in Computer Science*, 1012:455–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sima:1995:HL

[1932] J. Sima. Hopfield languages. *Lecture Notes in Computer Science*, 1012:461–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stuller:1995:ICR

[1933] J. Stuller. Inconsistency conflict resolution. *Lecture Notes in Computer Science*, 1012:469–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tambouris:1995:MPS

[1934] E. Tambouris and P. Van Santen. A methodology for performance and scalability analysis. *Lecture Notes in Computer Science*, 1012:475–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tuma:1995:ESV

[1935] M. Tuma and M. Rozloznik. On the efficiency of superscalar and vector computer for some problems in scientific computing. *Lecture Notes in Computer Science*, 1012:481–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vojtas:1995:LPR

[1936] P. Vojtas and L. Paulik. Logic programming in RPL and RQL. *Lecture Notes in Computer Science*, 1012:487–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zizka:1995:RHC

[1937] J. Zizka and I. Snajdarkova. Recognition of handwritten characters using instance-based learning algorithms. *Lecture Notes in Computer Science*, 1012:493–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ceri:1995:DAR

[1938] S. Ceri, E. Baralis, P. Fraternali, and S. Paraboschi. Design of active rule applications: Issues and approaches. *Lecture Notes in Computer Science*, 1013:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Motakis:1995:CTE

[1939] I. Motakis and C. Zaniolo. Composite temporal events in active database rules: A logic-oriented approach. *Lecture Notes in Computer Science*, 1013: 19–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baralis:1995:RTD

[1940] E. Baralis, S. Ceri, and S. Paraboschi. Run-time detection of non-terminating active rule systems. *Lecture Notes in Computer Science*, 1013:38–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zaniolo:1995:ADR

[1941] C. Zaniolo. Active database rules with transaction-conscious stable-model semantics. *Lecture Notes in Computer Science*, 1013:55–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ross:1995:EFO

[1942] K. A. Ross. Efficiently following object references for large object collections and small main memory. *Lecture Notes in Computer Science*, 1013:73–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kemp:1995:EPE

[1943] D. B. Kemp, K. Ramamohanarao, and P. J. Stuckey. ELS-Programs and the efficient evaluation of non-stratified programs by transformation to ELS. *Lecture Notes in Computer Science*, 1013:91–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lifschitz:1995:PBP

[1944] S. Lifschitz, R. N. Melo, and E. Pacitti. Practical behavior of parallelization strategies for datalog. *Lecture Notes in Computer Science*, 1013:109–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Robles:1995:EDD

[1945] C. Robles, J. Lobo, and T. Gaasterland. An experimental distributed deductive database system. *Lecture Notes in Computer Science*, 1013:128–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dinn:1995:IDQ

[1946] A. Dinn, N. W. Paton, M. H. Williams, and A. A. A. Fernandes. The implementation of a deductive query language over an OODB. *Lecture Notes in Computer Science*, 1013:143–??, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papakonstantinou:1995:QTS

[1947] Y. Papakonstantinou, A. Gupta, H. Garcia-Molina, and J. Ullman. A query translation scheme for rapid implementation of wrappers. *Lecture Notes in Computer Science*, 1013:161–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kifer:1995:DOD

[1948] M. Kifer. Deductive and object data languages: A quest for integration. *Lecture Notes in Computer Science*, 1013: 187–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abiteboul:1995:DER

[1949] S. Abiteboul and J. Van Den Bussche. Deep equality revisited. *Lecture Notes in Computer Science*, 1013:213–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Calvanese:1995:SOM

[1950] D. Calvanese, G. De Giacomo, and M. Lenzerini. Structured objects: Modeling and reasoning. *Lecture Notes in Computer Science*, 1013:229–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsukamoto:1995:IRR

[1951] M. Tsukamoto and S. Nishio. Inheritance reasoning by regular sets in knowledge-bases with dot notation. *Lecture Notes in Computer Science*, 1013:247–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dobbie:1995:RAC

[1952] G. Dobbie and R. Topor. Resolving ambiguities caused by multiple inheritance. *Lecture Notes in Computer Science*, 1013:265–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaede:1995:EPQ

[1953] V. Gaede and O. Guenther. Efficient processing of queries containing user-defined predicates. *Lecture Notes in Computer Science*, 1013:281–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Finance:1995:QPI

[1954] B. Finance, V. Smahi, and J. Fessy. Query processing in IRO-DB. *Lecture Notes in Computer Science*, 1013:299–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Quass:1995:QSH

[1955] D. Quass, A. Rajaraman, Y. Sagiv, and J. Ullman. Querying semistructured heterogeneous information. *Lecture Notes in Computer Science*, 1013: 319–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yanagisawa:1995:DOO

[1956] Y. Yanagisawa, M. Tsukamoto, and S. Nishio. Deductive object-oriented programming for knowledge-base independence. *Lecture Notes in Computer Science*, 1013:345–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Specht:1995:MGD

[1957] G. Specht and S. Seeberger. Montague grammars as deductive databases. *Lecture Notes in Computer Science*, 1013: 363–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

PhanLuong:1995:MAN

[1958] V. Phan Luong. A mixed approach to negation in general datalog programs. *Lecture Notes in Computer Science*, 1013:378–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lawley:1995:TSD

[1959] M. Lawley. Transaction safety in deductive object-oriented databases. *Lecture Notes in Computer Science*, 1013: 395–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guerni:1995:CRT

[1960] M. Guerni, J. Ferrie, and J.-F. Pons. Concurrency and recovery for typed objects using a new commutativity relation. *Lecture Notes in Computer Science*, 1013:411–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fahrner:1995:TRD

[1961] C. Fahrner and G. Vossen. Transforming relational database schemas into object-oriented schemas according to ODMG-93. *Lecture Notes in Computer Science*, 1013:429–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hacid:1995:CRC

[1962] M.-S. Hacid and C. Rigotti. Combining resolution and classification for semantic query optimization in DOOD. *Lecture Notes in Computer Science*, 1013: 447–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:SQO

[1963] Y.-W. Lee and S. I. Yoo. Semantic query optimization for object queries. *Lecture Notes in Computer Science*, 1013:467–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xie:1995:NCD

[1964] Z. Xie and J. Han. Normalization and compilation of deductive and object-oriented database programs for efficient query evaluation. *Lecture Notes in Computer Science*, 1013:485–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baraani-Dastjerdi:1995:MAO

[1965] A. Baraani-Dastjerdi, J. Pieprzyk, R. Safavi-Naini, and J. R. Getta. A model of authorization for object-oriented databases based on object views. *Lecture Notes in Computer Science*, 1013:503–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seki:1995:AAQ

[1966] H. Seki, Y. Ishihara, and M. Ito. Authorization analysis of queries in object-oriented databases. *Lecture*

Notes in Computer Science, 1013:521–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ye:1995:SVD

[1967] X. Ye, C. Parent, and S. Spaccapietra. On the specification of views in DOOD systems. *Lecture Notes in Computer Science*, 1013:539–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blumenthal:1995:IDA

[1968] B. Blumenthal. Industrial design and activity theory: A new direction for designing computer-based artifacts. *Lecture Notes in Computer Science*, 1015: 1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Viehstaedt:1995:GED

[1969] Gerhard Viehstaedt and Mark Minas. Generating editors for direct manipulation of diagrams. *Lecture Notes in Computer Science*, 1015:17–25, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thomas:1995:AWI

[1970] B. H. Thomas and P. R. Calder. Animating widgets in the InterViews toolkit. *Lecture Notes in Computer Science*, 1015:26–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moerch:1995:AUB

[1971] A. Moerch. Application units: Basic building blocks of tailorable applications. *Lecture Notes in Computer Science*, 1015:45–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Linard:1995:DNS

[1972] M. Linard and R. Zeiliger. Designing navigational support for educational software. *Lecture Notes in Computer Science*, 1015:63–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bardram:1995:SDT

[1973] J. E. Bardram and O. W. Bertelsen. Supporting the development of transparent interaction. *Lecture Notes in Computer Science*, 1015:79–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carpineto:1995:ULB

[1974] C. Carpineto and G. Romano. ULYSSES: A lattice-based multiple interaction strategy retrieval interface. *Lecture Notes in Computer Science*, 1015:91–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chelnokov:1995:HM

[1975] V. M. Chelnokov and V. L. Zephyrova. Hypertext macrodynamics. *Lecture Notes in Computer Science*, 1015: 105–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andrews:1995:SMO

[1976] K. Andrews, H. Maurer, and N. Scherbakov. Semantic modeling of object-oriented hypermedia databases. *Lecture Notes in Computer Science*, 1015: 121–??, 1995. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Prokhorov:1995:PMS

[1977] V. V. Prokhorov. PYTHAGORAS: Multienvironment software. *Lecture Notes in Computer Science*, 1015:135–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koshizuka:1995:SIO

[1978] N. Koshizuka and K. Sakamura. The shared interaction objects architecture: Integration of advanced GUI techniques in distributed environments. *Lecture Notes in Computer Science*, 1015:149–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Valkovsky:1995:PRG

[1979] V. B. Valkovsky, D. L. Krechman, I. S. Nikiforov, and D. S. Chenosov. The processing of recursive generalization in the construction of hypermedia macrostructure. *Lecture Notes in Computer Science*, 1015:166–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nitsche-Ruhland:1995:CKB

[1980] D. Nitsche-Ruhland and G. Zimmermann. CritiGUI — knowledge-based support for the user interface design process in smalltalk. *Lecture Notes in Computer Science*, 1015:179–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaptelinin:1995:ATB

[1981] V. Kaptelinin, K. Kuutti, and L. Bannon. Activity theory: Basic concepts and applications. *Lecture Notes in Computer Science*, 1015:189–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kranakis:1995:VDG

[1982] E. Kranakis, D. Krizanc, B. Ruf, and J. Urrutia. VC-Dimensions for graphs. *Lecture Notes in Computer Science*, 1017:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kloks:1995:FCS

[1983] T. Kloks, D. Kratsch, and H. Mueller. Finding and counting small induced subgraphs efficiently. *Lecture Notes in Computer Science*, 1017:14–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Babel:1995:IGF

[1984] L. Babel and S. Olariu. On the isomorphism of graphs with few P4s. *Lecture Notes in Computer Science*, 1017:24–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Degiorgi:1995:DAL

[1985] D. G. Degiorgi and K. Simon. A dynamic algorithm for line graph recognition. *Lecture Notes in Computer Science*, 1017:37–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DAmore:1995:IHG

[1986] F. D'Amore and R. Giaccio. Incremental hive graph. *Lecture Notes in Computer Science*, 1017:49–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Djidjev:1995:PGE

[1987] H. N. Djidjev and S. M. Venkatesan. Planarization of graphs embedded on surfaces. *Lecture Notes in Computer Science*, 1017:62–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krumke:1995:CAC

[1988] S. O. Krumke, H. Noltemeier, S. S. Ravi, and M. V. Marathe. Complexity and approximability of certain bicriteria location problems. *Lecture Notes in Computer Science*, 1017:73–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Plump:1995:TGR

[1989] D. Plump. On termination of graph rewriting. *Lecture Notes in Computer Science*, 1017:88–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bauderon:1995:UAG

[1990] M. Bauderon. A uniform approach to graph rewriting: The pullback approach. *Lecture Notes in Computer Science*, 1017:101–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fracchia:1995:VTT

[1991] F. D. Fracchia. Visualizing two- and three-dimensional models of meristematic growth. *Lecture Notes in Computer Science*, 1017:116–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hartmann:1995:GTM

[1992] S. Hartmann. Graph-theoretical methods to construct entity-relationship databases. *Lecture Notes in Computer Science*, 1017:131–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schiermeyer:1995:AAC

[1993] I. Schiermeyer. An approximation algorithm for 3-Colourability. *Lecture Notes in Computer Science*, 1017:146–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fischer:1995:MT

[1994] S. Fischer and L. Torenvliet. The malleability of TSP2Opt. *Lecture Notes in Computer Science*, 1017:152–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alimonti:1995:NOL

[1995] P. Alimonti. Non-oblivious local search for graph and hypergraph coloring problems. *Lecture Notes in Computer Science*, 1017:167–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bodlaender:1995:IRS

[1996] H. L. Bodlaender, R. B. Tan, D. M. Thilikos, and J. Van Leeuwen. On interval routing schemes and treewidth. *Lecture Notes in Computer Science*, 1017:181–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wada:1995:HFT

[1997] K. Wada, T. Ikeo, K. Kawaguchi, and W. Chen. Highly fault-tolerant routings and diameter vulnerability for generalized hypercube graphs. *Lecture Notes in Computer Science*, 1017:197–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MeyeraufderHeide:1995:HPR

[1998] F. Meyer auf der Heide and M. Westermann. Hot-potato routing on multidimensional tori. *Lecture Notes in Computer Science*, 1017:209–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Flammini:1995:DBR

[1999] M. Flammini, G. Gambosi, and S. Salomone. On devising Boolean routing schemes. *Lecture Notes in Computer Science*, 1017:222–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Birchler:1995:TGT

[2000] B. D. Birchler, A.-H. Esfahanian, and E. Torng. Toward a general theory of unicast-based multicast communication. *Lecture Notes in Computer Science*, 1017:237–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rolim:1995:OCB

[2001] J. Rolim, O. Sykora, and I. Vrt'o. Optimal cutwidths and bisection widths of 2- and 3-dimensional meshes. *Lecture Notes in Computer Science*, 1017:252–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Damaschke:1995:SFL

[2002] P. Damaschke. Searching for faulty leaves in binary trees. *Lecture Notes in Computer Science*, 1017:265–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1995:NAPb

[2003] Z.-Z. Chen and X. He. NC algorithms for partitioning planar graphs into induced forests and approximating NP-Hard problems. *Lecture Notes in Computer Science*, 1017:275–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dahlhaus:1995:EPM

[2004] E. Dahlhaus. Efficient parallel modular decomposition. *Lecture Notes in Computer Science*, 1017:290–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bonizzoni:1995:MDH

[2005] P. Bonizzoni and G. Della Vedova. Modular decomposition of hypergraphs. *Lecture Notes in Computer Science*, 1017:303–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pfaltz:1995:PCA

[2006] J. L. Pfaltz. Partition coefficients of acyclic graphs. *Lecture Notes in Computer Science*, 1017:318–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takaoka:1995:SCC

[2007] T. Takaoka. Sub-cubic cost algorithms for the all pairs shortest path problem. *Lecture Notes in Computer Sci-*

ence, 1017:333–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deogun:1995:DPG

[2008] J. S. Deogun and D. Kratsch. Diametral path graphs. *Lecture Notes in Computer Science*, 1017:344–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Galinier:1995:CGT

[2009] P. Galinier, M. Habib, and C. Paul. Chordal graphs and their clique graphs. *Lecture Notes in Computer Science*, 1017:358–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gustedt:1995:CDS

[2010] J. Gustedt, M. Morvan, and L. Viennot. A compact data structure and parallel algorithms for permutation graphs. *Lecture Notes in Computer Science*, 1017:372–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brandstaedt:1995:HOG

[2011] A. Brandstaedt, F. F. Dragan, and F. Nicolai. Homogeneously orderable graphs and the Steiner tree problem. *Lecture Notes in Computer Science*, 1017:381–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Degermark:1995:ARP

[2012] M. Degermark, T. Koehler, S. Pink, and O. Schelen. Advance reservations for predicted service. *Lecture Notes in Computer Science*, 1018:3–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferrari:1995:DAR

[2013] D. Ferrari, A. Gupta, and G. Ventre. Distributed advance reservation of real-time connections. *Lecture Notes in Computer Science*, 1018:16–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolf:1995:IRR

[2014] L. C. Wolf, L. Delgrossi, R. Steinmetz, and S. Schaller. Issues of reserving resources in advance. *Lecture Notes in Computer Science*, 1018:28–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leydekkers:1995:CEV

[2015] P. Leydekkers, V. Gay, and L. Franken. A computational and engineering view on open distributed real-time multimedia exchange. *Lecture Notes in Computer Science*, 1018:41–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jones:1995:SUC

[2016] M. B. Jones, P. J. Leach, R. P. Draves, and J. S. Barrera. Support for user-centric modular real-time resource management in the rialto operating system. *Lecture Notes in Computer Science*, 1018:53–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jeffay:1995:RBE

[2017] G. K. Jeffay and D. Bennett. A rate-based execution abstraction for multimedia computing. *Lecture Notes in Computer Science*, 1018:64–??, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lindblad:1995:VPM

[2018] C. J. Lindblad. VuSystem performance measurements. *Lecture Notes in Computer Science*, 1018:76–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cranor:1995:DUC

[2019] C. D. Cranor and G. M. Parulkar. Design of universal continuous media I/O. *Lecture Notes in Computer Science*, 1018:80–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kitamura:1995:NAH

[2020] H. Kitamura, K. Taniguchi, H. Sakamoto, and T. Nishida. A new OS architecture for high performance communication over ATM networks-zero-copy architecture-. *Lecture Notes in Computer Science*, 1018:84–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eleftheriadis:1995:MAQ

[2021] A. Eleftheriadis and D. Anastassiou. Meeting arbitrary QoS constraints using dynamic rate shaping of coded digital video. *Lecture Notes in Computer Science*, 1018:89–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Campbell:1995:DQM

[2022] A. Campbell, D. Hutchinson, and C. Aurrecoechea. Dynamic QoS management for scalable video flows. *Lecture Notes in Computer Science*, 1018:101–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kawachiya:1995:EQC

[2023] K. Kawachiya, M. Ogata, N. Nishio, and H. Tokuda. Evaluation of QoS-Control servers on real-time mach. *Lecture Notes in Computer Science*, 1018:117–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schreier:1995:SLR

[2024] L. C. Schreier and M. B. Davis. System-level resource management for network-based multimedia applications. *Lecture Notes in Computer Science*, 1018:121–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaddha:1995:EES

[2025] N. Chaddha, G. A. Wall, and B. Schmidt. An end to end software only scalable video delivery system. *Lecture Notes in Computer Science*, 1018:130–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cen:1995:DRT

[2026] S. Cen, C. Pu, R. Staehli, and C. Cowan. A distributed real-time MPEG audio player. *Lecture Notes in Computer Science*, 1018:142–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bolot:1995:AAP

[2027] J.-C. Bolot, H. Crepin, and A. V. Garcia. Analysis of audio packet loss in the Internet. *Lecture Notes in Computer Science*, 1018:154–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lauer:1995:DAV

[2028] H. C. Lauer, C. Shen, R. Osborne, and J. Howard. Digital audio and video in industrial systems. *Lecture Notes in Computer Science*, 1018:166–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fall:1995:WVP

[2029] K. Fall, J. Pasquale, and S. McCanne. Workstation video playback performance with competitive process load. *Lecture Notes in Computer Science*, 1018:170–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schulzrinne:1995:WCW

[2030] H. Schulzrinne. When can we unplug the radio and telephone? *Lecture Notes in Computer Science*, 1018:174–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rothermel:1995:ASS

[2031] K. Rothermel and T. Helbig. An adaptive stream synchronization protocol. *Lecture Notes in Computer Science*, 1018:178–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmidt:1995:MAM

[2032] B. K. Schmidt, J. D. Northcutt, and M. S. Lam. A method and apparatus for measuring media synchronization. *Lecture Notes in Computer Science*, 1018:190–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nieh:1995:IPS

[2033] J. Nieh and M. S. Lam. Integrated processor scheduling for multimedia. *Lecture Notes in Computer Science*, 1018:202–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mauthe:1995:SAT

[2034] A. Mauthe and G. Coulson. Scheduling and admission testing for jitter constrained periodic threads. *Lecture Notes in Computer Science*, 1018:206–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yavatkar:1995:CSA

[2035] R. Yavatkar and K. Lakshman. A CPU scheduling algorithm for continuous media applications. *Lecture Notes in Computer Science*, 1018:210–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schulzrinne:1995:DCC

[2036] H. Schulzrinne. Dynamic configuration of conferencing applications using pattern-matching multicast. *Lecture Notes in Computer Science*, 1018:216–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biersack:1995:WNM

[2037] E. Biersack and J. Nonnenmacher. WAVE: A new multicast routing algorithm for static and dynamic multicast groups. *Lecture Notes in Computer Science*, 1018:228–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bettati:1995:CEM

[2038] R. Bettati, D. Ferrari, A. Gupta, and W. Heffner. Connection establishment for multi-party real-time communication. *Lecture Notes in Computer Science*, 1018:240–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Almeroth:1995:RMC

[2039] K. C. Almeroth and M. H. Ammar. The role of multicast communication in the provision of scalable and interactive video-on-demand service. *Lecture Notes in Computer Science*, 1018:251–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1995:RVN

[2040] H. Zhang and E. W. Knightly. RED-VBR: A new approach to support delay-sensitive VBR video in packet-switched networks. *Lecture Notes in Computer Science*, 1018:258–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goyal:1995:DEE

[2041] P. Goyal, S. S. Lam, and H. M. Vin. Determining end-to-end delay bounds in heterogeneous networks. *Lecture Notes in Computer Science*, 1018:273–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bansal:1995:AQB

[2042] V. Bansal, R. J. Siracusa, J. P. Hearn, and G. Ramamurthy. Adaptive QoS-Based API for ATM networking. *Lecture Notes in Computer Science*, 1018:285–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lam:1995:BSN

[2043] S. S. Lam and G. G. Xie. Burst scheduling networks: Flow specification and performance guarantees. *Lecture Notes in Computer Science*, 1018:289–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lau:1995:NVD

[2044] S. W. Lau and J. C. S. Lui. A novel video-on-demand storage architecture for supporting constant frame rate with variable bit rate retrieval. *Lecture Notes in Computer Science*, 1018:294–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaney:1995:DIR

[2045] A. J. Chaney, I. D. Wilson, and A. Hopper. The design and implementation of a RAID-3 multimedia file server. *Lecture Notes in Computer Science*, 1018:306–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buddhikot:1995:EDL

[2046] M. M. Buddhikot and G. M. Parulkar. Efficient data layout, scheduling and playout control in MARS. *Lecture Notes in Computer Science*, 1018:318–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stoller:1995:SRL

[2047] S. D. Stoller and J. D. DeTreville. Storage replication and layout in video-on-demand servers. *Lecture Notes in Computer Science*, 1018:330–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paek:1995:SMV

[2048] S. Paek, P. Bocheck, and S.-F. Chang. Scalable MPEG2 video servers with heterogeneous QoS on parallel disk arrays. *Lecture Notes in Computer Science*, 1018:342–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Neufeld:1995:DVB

[2049] G. Neufeld, D. Makaroff, and N. Hutchinson. The design of a variable bit rate continuous media server. *Lecture Notes in Computer Science*, 1018:354–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mueller:1995:CMC

[2050] O. Mueller and T. Nipkow. Combining model checking and deduction for I/O-automata. *Lecture Notes in Computer Science*, 1019:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsen:1995:COP

[2051] K. G. Larsen, B. Steffen, and C. Weise. A constraint oriented proof methodology based on modal transition systems. *Lecture Notes in Computer Science*, 1019:17–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Henzinger:1995:UGH

[2052] T. H. Henzinger, P.-H. Ho, and H. Wong-Toi. A user guide to HyTech. *Lecture Notes in Computer Science*, 1019:41–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mader:1995:MCM

[2053] A. Mader. Modal-calculus, model checking and Gauss elimination. *Lecture Notes in Computer Science*, 1019: 72–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Henriksen:1995:MMS

[2054] J. G. Henriksen, J. Jensen, M. Jorgensen, and N. Klarlund. MONA: Monadic second-order logic in practice. *Lecture Notes in Computer Science*, 1019:89–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Engberg:1995:ESB

[2055] U. H. Engberg and K. S. Larsen. Efficient simplification of bisimulation formulas. *Lecture Notes in Computer Science*, 1019:111–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roscoe:1995:HCM

[2056] A. W. Roscoe, P. H. B. Gardiner, M. H. Goldsmith, and J. R. Hulance. Hierarchical compression for model-checking CSP or how to check 100200 dining philosophers for deadlock. *Lecture Notes in Computer Science*, 1019:133–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cleaveland:1995:FEG

[2057] R. Cleaveland, E. Madelaine, and S. Sims. A front-end generator for verification tools. *Lecture Notes in Computer Science*, 1019:153–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tofts:1995:ALA

[2058] C. Tofts. Analytic and locally approximate solutions to properties of probabilistic processes. *Lecture Notes in Computer Science*, 1019:174–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeFrancesco:1995:MCN

[2059] N. De Francesco, A. Fantechi, S. Gnesi, and P. Inverardi. Model checking of non-finite state processes by finite approximations. *Lecture Notes in Computer Science*, 1019:195–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bohn:1995:AID

[2060] J. Bohn and S. Roessig. On automatic and interactive design of communicating systems. *Lecture Notes in Computer Science*, 1019:216–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Janssen:1995:LKT

[2061] W. Janssen. Layers as knowledge transitions in the design of distributed systems. *Lecture Notes in Computer Science*, 1019:238–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Knoop:1995:PFB

[2062] J. Knoop, B. Steffen, and J. Vollmer. Parallelism for free: bitvector analyses =¿ no state explosion! *Lecture Notes in Computer Science*, 1019:264–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hunt:1995:ECB

[2063] J. Hunt. Evolutionary case based design. *Lecture Notes in Computer Science*, 1020:17–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Griffiths:1995:FKC

[2064] A. D. Griffiths and D. G. Bridge. Formalising the knowledge content of case memory systems. *Lecture Notes in Computer Science*, 1020:32–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brown:1995:BVB

[2065] M. Brown and N. Filer. Beauty vs. the beast: The case against massively parallel retrieval. *Lecture Notes in Computer Science*, 1020:42–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oehlmann:1995:SQE

[2066] R. Oehlmann, P. Edwards, and D. Sleeman. Self-questioning and experimentation: An index vocabulary of situated interaction. *Lecture Notes in Computer Science*, 1020:59–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dearden:1995:III

[2067] A. M. Dearden. Improving the interfaces to interactive case memories. *Lecture Notes in Computer Science*, 1020: 73–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Funk:1995:CMD

[2068] P. J. Funk and D. Robertson. Capturing and matching dynamic behaviour in case-based reasoning. *Lecture Notes in Computer Science*, 1020:85–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bichindaritz:1995:ICL

[2069] I. Bichindaritz. Incremental concept learning and case-based reasoning: For a co-operative approach. *Lecture Notes in Computer Science*, 1020:91–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marir:1995:CCI

[2070] F. Marir and I. Watson. Can CBR imitate human intelligence and are such systems easy to design and maintain? A critique. *Lecture Notes in Computer Science*, 1020:107–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Price:1995:DPV

[2071] C. J. Price and I. S. Pegler. Deciding parameter values with case-based reasoning. *Lecture Notes in Computer Science*, 1020:121–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ellman:1995:ACB

[2072] J. Ellman. An application of case based reasoning to object oriented database retrieval. *Lecture Notes in Computer Science*, 1020:134–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dattani:1995:CBR

[2073] I. Dattani and M. Bramer. Case-based reasoning: A technique for"decision support systems" in residential valuation and the construction of residential housing. *Lecture Notes in Computer Science*, 1020:142–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pal:1995:HSD

[2074] K. Pal and J. A. Campbell. A hybrid system for decision-making about assets in English divorce cases. *Lecture Notes in Computer Science*, 1020:152–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maguire:1995:ACB

[2075] P. Maguire, V. Shankararaman, R. Szegfue, and L. Morss. Application of case-based reasoning (CBR) to software reuse. *Lecture Notes in Computer Science*, 1020:166–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Georgin:1995:CAF

[2076] E. Georgin, F. Bordin, S. Loesel, and J. R. McDonald. CBR applied to fault diagnosis on steam turbines. *Lecture Notes in Computer Science*, 1020:175–??, 1995. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Perera:1995:NIC

[2077] S. Perera and I. Watson. Nirmani: An integrated case-based system for strategic design and estimating. *Lecture Notes in Computer Science*, 1020: 185–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Khan:1995:CBC

[2078] T. Khan and Yau Jim Yip. Case-based curriculum planning for computer-aided instruction. *Lecture Notes in Computer Science*, 1020:201–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiederhold:1995:MSM

[2079] G. Wiederhold. Modeling and system maintenance. *Lecture Notes in Computer Science*, 1021:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1995:ASD

[2080] L. Liu. Adaptive schema design and evaluation in an object-oriented information system. *Lecture Notes in Computer Science*, 1021:21–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thelemann:1995:ACW

[2081] S. Thelemann. Assertion of consistency within a complex object database using a relationship construct. *Lecture Notes in Computer Science*, 1021:32–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baraani-Dastjerdi:1995:CMO

[2082] A. Baraani-Dastjerdi, J. Pieprzyk, R. Safavi-Naini, and J. Getta. A cryptographic mechanism for object-instance-based authorization in object-oriented database systems. *Lecture Notes in Computer Science*, 1021:44–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liddle:1995:UMP

[2083] S. Liddle, D. Embley, and S. Woodfield. Unifying modeling and programming through an active,. object-oriented, model-equivalent programming language. *Lecture Notes in Computer Science*, 1021:55–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gogolla:1995:DQA

[2084] M. Gogolla. A declarative query approach to object identification. *Lecture Notes in Computer Science*, 1021:65–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fung:1995:VQF

[2085] C. Fung and Q. Li. Versatile querying facilities for a dynamic object clustering model. *Lecture Notes in Computer Science*, 1021:77–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vermeer:1995:RER

[2086] M. Vermeer and P. Apers. Reverse engineering of relational database applications. *Lecture Notes in Computer Science*, 1021:89–??, 1995. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vidal:1995:RAS

[2087] V. Vidal and M. Winslett. A rigorous approach to schema restructuring. *Lecture Notes in Computer Science*, 1021:101–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouneffa:1995:MSC

[2088] M. Bouneffa and N. Boudjlida. Managing schema changes in object-relationship databases. *Lecture Notes in Computer Science*, 1021:113–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Teisseire:1995:BCW

[2089] M. Teisseire. Behavioural constraints: Why using events instead of states. *Lecture Notes in Computer Science*, 1021:123–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schreft:1995:BCE

[2090] M. Schreft and M. Stumptner. Behavior consistent extension of object life cycles. *Lecture Notes in Computer Science*, 1021:133–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burg:1995:CXE

[2091] J. Burg and R. Van de Riet. COLOR-X even model: Integrated specification of the dynamics of individual objects. *Lecture Notes in Computer Science*, 1021:146–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

SrinivasanHands:1995:DDB

[2092] P. Srinivasan Hands, G. Vignes, and A. Srinivasan. Database design with behavior and views using parameterized Petri nets. *Lecture Notes in Computer Science*, 1021:158–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oh:1995:SSE

[2093] Y.-C. Oh and S. Navathe. SEER: Security enhanced entity-relationship model for secure relational databases. *Lecture Notes in Computer Science*, 1021: 170–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ellmer:1995:NNT

[2094] E. Ellmer, C. Huemer, D. Merkl, and G. Pernul. Neural network technology to support view integration. *Lecture Notes in Computer Science*, 1021:181–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Halpin:1995:DST

[2095] T. Halpin and H. Proper. Database schema transformation and optimization. *Lecture Notes in Computer Science*, 1021:191–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Missaoui:1995:MEE

[2096] R. Missaoui, J.-M. Gagnon, and R. Godin. Mapping an extended entity-relationship schema into a schema of complex objects. *Lecture Notes in Computer Science*, 1021:204–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jones:1995:BRT

[2097] T. Jones and I.-Y. Song. Binary representation of ternary relationships in ER conceptual modeling. *Lecture Notes in Computer Science*, 1021:216–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Diskin:1995:VSF

[2098] Z. Diskin and B. Cadish. Variable sets and functions framework for conceptual modeling: Integrating ER and OO via sketches with dynamic markers. *Lecture Notes in Computer Science*, 1021:226–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeTroyer:1995:LFS

[2099] O. De Troyer and R. Meersman. A logic framework for a semantics of object oriented data modeling. *Lecture Notes in Computer Science*, 1021:238–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Saeki:1995:OOM

[2100] M. Saeki. Object-oriented meta modeling. *Lecture Notes in Computer Science*, 1021:250–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jarzabek:1995:CMB

[2101] S. Jarzabek and T. W. Ling. A conceptual model for business re-engineering methods and tools. *Lecture Notes in Computer Science*, 1021:260–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gruhn:1995:DME

[2102] V. Gruhn, C. Pahl, and M. Wever. Data model evolution as a business process management. *Lecture Notes in Computer Science*, 1021:270–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Castano:1995:REP

[2103] S. Castano and V. De Antonellis. Reengineering processess in public administrations. *Lecture Notes in Computer Science*, 1021:282–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Knapp:1995:UCR

[2104] J. Knapp. Uniqueness conditions for ER representations. *Lecture Notes in Computer Science*, 1021:296–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mitchell:1995:RPI

[2105] I. Mitchell, I. Ferguson, and N. Parrington. Rapid prototyping: An integrated CASE based approach. *Lecture Notes in Computer Science*, 1021: 308–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Venable:1995:ISE

[2106] J. Venable and J. Grundy. Integrating and supporting entity relationship and object role models. *Lecture Notes in Computer Science*, 1021:318–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Saake:1995:OST

[2107] G. Saake, S. Conrad, and C. Tuerker. From objects specification towards agent design. *Lecture Notes in Computer Science*, 1021:329–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Casati:1995:CMW

[2108] F. Casati, S. Ceri, B. Pernici, and G. Pozzi. Conceptual modeling of work flows. *Lecture Notes in Computer Science*, 1021:341–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hawryszkiewycz:1995:OOA

[2109] I. Hawryszkiewycz. An object oriented approach for CSCW system design. *Lecture Notes in Computer Science*, 1021:355–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jensen:1995:STV

[2110] C. Jensen and R. Snodgrass. Semantics of time-varying attributes and their use for temporal database design. *Lecture Notes in Computer Science*, 1021:366–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gal:1995:HCM

[2111] A. Gal and O. Etzion. Handling change management using temporal active repositories. *Lecture Notes in Computer Science*, 1021:378–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kouramajian:1995:GQL

[2112] V. Kouramajian and M. Gertz. A graphical query language for temporal databases. *Lecture Notes in Computer Science*, 1021:388–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmitt:1995:MOI

[2113] I. Schmitt and G. Saake. Managing object identity in federated database systems. *Lecture Notes in Computer Science*, 1021:400–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Getta:1995:MII

[2114] J. R. Getta and L. A. Maciaszek. Management of inconsistent information in federated systems. *Lecture Notes in Computer Science*, 1021:412–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:RSC

[2115] M.-L. Lee and T. W. Ling. Resolving structural conflicts in the integration of entity-relationship schemas. *Lecture Notes in Computer Science*, 1021:424–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Michelsen:1995:UCD

[2116] H. E. Michelsen. Use and control of data models: A repository approach. *Lecture Notes in Computer Science*, 1021:434–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moody:1995:SHH

[2117] D. Moody. The seven habits of highly effective data modelers (and object modelers?). *Lecture Notes in Computer Science*, 1021:436–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tasker:1995:ORC

[2118] D. Tasker. Object responsibility categories in support of top-down object discovery. *Lecture Notes in Computer Science*, 1021:438–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tonkin:1995:DOE

[2119] D. Tonkin. Denormalisation as an OO extension. *Lecture Notes in Computer Science*, 1021:439–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Unhelkar:1995:DFM

[2120] B. Unhelkar. Development of financial markets analytical products: a MOSES case study. *Lecture Notes in Computer Science*, 1021:441–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ha:1995:PNI

[2121] J. Ha, K. Jeong, S. Kim, and S. Choi. The practice of nuclear integrated design and engineering database establishment using OO DBMS. *Lecture Notes in Computer Science*, 1021:444–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dampney:1995:ACD

[2122] K. Dampney and M. Johnson. Application of "consistent dependency" to corporate and project information models. *Lecture Notes in Computer Science*, 1021:445–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Atkins:1995:UAC

[2123] C. Atkins. The use of agglomerative categorisation to build a conceptual view of statistical data. *Lecture Notes in Computer Science*, 1021:447–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turner:1995:IPE

[2124] D. A. Turner. Invited paper: Elementary strong functional programming. *Lecture Notes in Computer Science*, 1022:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Keravnou:1995:ICS

[2125] E. T. Keravnou. Introducing computer science undergraduates to principles of programming through a functional language. *Lecture Notes in Computer Science*, 1022:15–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Davison:1995:TCA

[2126] A. Davison. Teaching C after miranda. *Lecture Notes in Computer Science*, 1022:35–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jacquot:1995:RIF

[2127] J.-P. Jacquot and J. Guyard. Requirements for an ideal first language. *Lecture Notes in Computer Science*, 1022: 51–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nuthez:1995:SYC

[2128] M. Nuthez, P. Palao, and R. Petha. A second year course on data structures based on functional programming. *Lecture Notes in Computer Science*, 1022:65–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thompson:1995:FPT

[2129] S. Thompson and S. Hill. Functional programming through the curriculum. *Lecture Notes in Computer Science*, 1022:85–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jarvis:1995:ULE

[2130] S. Jarvis, S. Poria, and R. Morgan. Understanding LOLITA: Experiences in teaching large scale functional programming. *Lecture Notes in Computer Science*, 1022:103–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Karczmarczuk:1995:FPM

[2131] J. Karczmarczuk. Functional programming and mathematical objects. *Lecture Notes in Computer Science*, 1022: 121–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fokker:1995:EAT

[2132] J. Fokker. Explaining algebraic theory with functional programs. *Lecture Notes in Computer Science*, 1022:139–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lester:1995:ISI

[2133] D. Lester and S. Mintchev. Inducing students to induct. *Lecture Notes in Computer Science*, 1022:159–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burton:1995:CSR

[2134] C. T. P. Burton. Conceptual structures for recursion. *Lecture Notes in Computer Science*, 1022:179–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

ODonnell:1995:TCA

[2135] J. O'Donnell. From transistors to computer architecture: Teaching functional circuit specification in hydra. *Lecture Notes in Computer Science*, 1022:195–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koopman:1995:FPB

[2136] P. Koopman and V. Zweije. Functional programming in a basic database course. *Lecture Notes in Computer Science*, 1022:215–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kluge:1995:URT

[2137] W. E. Kluge, C. Rathsack, and S.-B. Scholz. Using -RED as a teaching

tool for functional programming and program execution. *Lecture Notes in Computer Science*, 1022:231–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hilsdale:1995:CCU

[2138] E. Hilsdale, J. M. Ashley, R. K. Dybvig, and D. P. Friedman. Compiler construction using scheme. *Lecture Notes in Computer Science*, 1022:251–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hartel:1995:BPS

[2139] P. H. Hartel, B. Van Es, and D. Tromp. Basic proof skills of computer science students. *Lecture Notes in Computer Science*, 1022:269–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clack:1995:DFS

[2140] C. Clack and C. Myers. The dysfunctional student. *Lecture Notes in Computer Science*, 1022:289–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Albacea:1995:LS

[2141] E. A. Albacea. Leapfrogging samplesort. *Lecture Notes in Computer Science*, 1023:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cai:1995:ST

[2142] L. Cai. Spanning 2-Trees. *Lecture Notes in Computer Science*, 1023:10–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kao:1995:MLI

[2143] M.-Y Kao. Minimal linear invariants. *Lecture Notes in Computer Science*, 1023:23–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baffi:1995:PMM

[2144] L. Baffi and R. Petreschi. Parallel maximal matching on minimal vertex series parallel digraphs. *Lecture Notes in Computer Science*, 1023:34–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lam:1995:EET

[2145] Tak Wah Lam and Ka Hing Lee. Efficient equality-testing and updating of sets. *Lecture Notes in Computer Science*, 1023:48–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nguyen:1995:BSP

[2146] Viet Hai Nguyen and P. Widmayer. Binary space partitions for sets of hyperrectangles. *Lecture Notes in Computer Science*, 1023:59–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Byun:1995:TOT

[2147] S. Byun, R. Kennaway, and R. Sleep. Transformation of orthogonal term rewriting systems. *Lecture Notes in Computer Science*, 1023:73–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Satpathy:1995:ADF

[2148] M. Satpathy, A. Sanyal, and G. Venkatesh. An automaton-driven frame dis-

posal algorithm and its proof of correctness. *Lecture Notes in Computer Science*, 1023:88–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gandhe:1995:LLC

[2149] M. Gandhe, G. Venkatesh, and A. Sanyal. Labeled lambda-calculus and a generalised notion of strictness. *Lecture Notes in Computer Science*, 1023:103–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pinchinat:1995:PPR

[2150] S. Pinchinat, E. Rutten, and R. Shyamasundar. Preemption primitives in reactive languages. *Lecture Notes in Computer Science*, 1023:111–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fraczak:1995:MAP

[2151] W. Fraczak. Multi-action process algebra. *Lecture Notes in Computer Science*, 1023:126–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mycroft:1995:CBC

[2152] A. Mycroft, P. Degano, and C. Priami. Complexity as a basis for comparing semantic models of concurrency. *Lecture Notes in Computer Science*, 1023:141–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raja:1995:CFC

[2153] N. Raja and R. K. Shyamasundar. Combinatory formulations of concurrent languages. *Lecture Notes in Computer Science*, 1023:156–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Niehren:1995:CFC

[2154] J. Niehren and M. Mueller. Constraints for free in concurrent computation. *Lecture Notes in Computer Science*, 1023:171–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jalote:1995:FIP

[2155] P. Jalote. Formalizing inductive proofs of message recovery in distributed systems. *Lecture Notes in Computer Science*, 1023:187–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ye:1995:DDT

[2156] X. Ye and J. Keane. Detecting distributed termination in the presence of node failure. *Lecture Notes in Computer Science*, 1023:195–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1995:EGM

[2157] F. Liu, T. Peinkenkamp, and W. Damm. An extended gradient model for NUMA multiprocessor systems. *Lecture Notes in Computer Science*, 1023:210–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1995:EPP

[2158] Shao Dong Chen, H. Shen, and R. Topor. Efficient parallel permutation-based range-join algorithms on mesh-connected computers. *Lecture Notes in Computer Science*, 1023:225–??, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lu:1995:PBJ

[2159] H. Lu and K.-L. Tan. Pipelined band join in shared-nothing systems. *Lecture Notes in Computer Science*, 1023: 239–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yamamoto:1995:ILP

[2160] K. Yamamoto, S. Naito, and M. Itoh. Inductive logic programming based on genetic algorithm. *Lecture Notes in Computer Science*, 1023:254–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nienhuys-Cheng:1995:EST

[2161] S.-H. Nienhuys-Cheng and R. De Wolf. The equivalence of the subsumption theorem and the refutation-completeness for unconstrained resolution. *Lecture Notes in Computer Science*, 1023:269–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ngo:1995:PLP

[2162] L. Ngo and P. Haddawy. Probabilistic logic programming and Bayesian networks. *Lecture Notes in Computer Science*, 1023:286–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1995:DAL

[2163] P. Anderson and D. Basin. Deriving and applying logic program transformers. *Lecture Notes in Computer Science*, 1023:301–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tong:1995:PDPb

[2164] B.-M. Tong and H.-F. Leung. Performance of a data-parallel concurrent constraint programming system. *Lecture Notes in Computer Science*, 1023: 319–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bharadwaj:1995:FIP

[2165] R. Bharadwaj, A. Felty, and F. Stomp. Formalizing inductive proofs of network algorithms. *Lecture Notes in Computer Science*, 1023:335–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Achuthan:1995:TOM

[2166] R. Achuthan, V. S. Alagar, and T. Radhakrishnan. TROM — an object model for reactive system development. *Lecture Notes in Computer Science*, 1023:350–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chan:1995:DCS

[2167] P. Chan and D. Van Hung. Duration calculus specification of scheduling for tasks with shared resources. *Lecture Notes in Computer Science*, 1023:365–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Iglewski:1995:TSN

[2168] M. Iglewski, M. Kubica, and J. Madey. Trace specifications of non-deterministic multi-object modules. *Lecture Notes in Computer Science*, 1023:381–??, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1995:EME

[2169] X. Chen, P. Inverardi, and C. Montangero. ESP-MC: An experiment in the use of verification tools. *Lecture Notes in Computer Science*, 1023:396–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huang:1995:MBV

[2170] T. S. Huang and L.-A. Tang. 3D model-based video coding: Computer vision meets computer graphics. *Lecture Notes in Computer Science*, 1024:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shah:1995:AMR

[2171] S. Shah and J. K. Aggarwal. Autonomous mobile robot navigation using fish-eye lenses. *Lecture Notes in Computer Science*, 1024:9–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huang:1995:HPT

[2172] J. Huang and J.-Z. Wang. High-performance tracking system. *Lecture Notes in Computer Science*, 1024:17–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hung:1995:PVT

[2173] Y.-P. Hung, C.-Y. Tang, Z. Chen, and S.-W. Shih. A 3D predictive visual tracker for tracking multiple moving objects with a stereo vision system. *Lecture Notes in Computer Science*, 1024:25–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barnes:1995:VGC

[2174] N. Barnes and Z.-Q. Liu. Vision guided circumnavigating autonomous robots. *Lecture Notes in Computer Science*, 1024:33–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wong:1995:FDO

[2175] W. H. Wong and H. H. S. Ip. Force-driven optimization for correspondence establishment. *Lecture Notes in Computer Science*, 1024:43–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liang:1995:DCV

[2176] X. Liang, B. Li, and S. Liu. The deformed cube: A visualization technique for 3D velocity vector field. *Lecture Notes in Computer Science*, 1024:51–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ren:1995:IPT

[2177] J. Ren, G. Zeng, and S. Liu. Interactive particle tracing algorithm for unstructured grids. *Lecture Notes in Computer Science*, 1024:59–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Teo:1995:FRU

[2178] P. C. Teo and C. D. Garfinkle. Fast resampling using vector quantization. *Lecture Notes in Computer Science*, 1024:66–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xu:1995:BSS

[2179] M. Xu, Z. Tang, and J. Deng. A B-spline surface interpolation technique for reconstructing 3D objects from serial arbitrary shaped planar contours. *Lecture Notes in Computer Science*, 1024:74–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lengagne:1995:TMR

[2180] R. Lengagne, O. Monga, C. Ge, and Ma Song De. Two methods for a reliable comer detection in 2D images. *Lecture Notes in Computer Science*, 1024:83–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Watzel:1995:DPT

[2181] R. Watzel, K. Braun, A. Hess, and H. Scheich. On the deletability of points in 3D thinning. *Lecture Notes in Computer Science*, 1024:91–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

You:1995:RTT

[2182] J. You, W. P. Zhu, H. A. Cohen, and E. Pissaloux. Real-time textured object recognition on distributed systems. *Lecture Notes in Computer Science*, 1024:99–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Murshed:1995:LSV

[2183] N. A. Murshed, F. Bortolozzi, and R. Sabourin. Off-line signature verification without requiring random forgeries for training. *Lecture Notes in Computer Science*, 1024:107–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oommen:1995:NSR

[2184] B. J. Oommen and R. K. S. Loke. Noisy subsequence recognition using constrained string editing involving substitutions, insertions, deletions and generalized transpositions. *Lecture Notes in Computer Science*, 1024:116–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ng:1995:GGE

[2185] H. N. Ng and R. L. Grimsdale. GEOFF — A geometrical editor for fold formation. *Lecture Notes in Computer Science*, 1024:124–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nakamae:1995:SPS

[2186] E. Nakamae, J. Chai, H. Inuyama, and F. Kato. Simplification of polygonal surface with attributes. *Lecture Notes in Computer Science*, 1024:132–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nishioka:1995:RPD

[2187] D. Nishioka and M. Nagasawa. Reducing polygonal data by structural grouping algorithm. *Lecture Notes in Computer Science*, 1024:140–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wong:1995:OOA

[2188] I. S. B. Wong and A. C. Naiman. An object-oriented architecture for Chinese character composition. *Lecture*

Notes in Computer Science, 1024:152–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anisimov:1995:BCR

[2189] V. Anisimov, N. Gorski, D. Price, and O. Baret. Bank check reading: Recognizing the courtesy amount. *Lecture Notes in Computer Science*, 1024:161–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nishijima:1995:AEA

[2190] M. Nishijima and T. Watanabe. An automatic extraction approach of road information on the basis of recognition of character regions. *Lecture Notes in Computer Science*, 1024:173–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seales:1995:IMM

[2191] W. B. Seales and A. Rajasekar. Interpreting music manuscripts: A logic-based, object-oriented approach. *Lecture Notes in Computer Science*, 1024:181–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1995:LCC

[2192] J. Liu, M. M. Y. Chang, and W. K. Chain. On-line Chinese character recognition with attributed relational graph matching. *Lecture Notes in Computer Science*, 1024:189–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1995:LHA

[2193] X. Li and D.-Y. Yeung. On-line handwritten alphanumeric character recognition using feature sequences. *Lecture Notes in Computer Science*, 1024:197–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lau:1995:ASM

[2194] R. W. H. Lau. An adaptive supersampling method. *Lecture Notes in Computer Science*, 1024:205–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ng:1995:DMM

[2195] C. M. Ng. Dynamic memory mapping for window based display system. *Lecture Notes in Computer Science*, 1024:215–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhou:1995:CNC

[2196] Y. Zhou and Z. Tang. Convert non-convex meshes to convex meshes for depth sorting in volume rendering. *Lecture Notes in Computer Science*, 1024:223–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yuen:1995:NCC

[2197] H. Yuen and L. Hanzo. A new chain coding scheme for cursive script and line drawings. *Lecture Notes in Computer Science*, 1024:233–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bellaire:1995:AHI

[2198] G. Bellaire and M. Luebbe. Adaptive hierarchical indexing and constrained localization: Matching characteristic views. *Lecture Notes in Computer Science*, 1024:241–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1995:SEE

[2199] C.-N. Lee and R. M. Haralick. Statistical estimation for exterior orientation from line-to-line correspondences. *Lecture Notes in Computer Science*, 1024:250–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dance:1995:HLS

[2200] S. Dance and Z.-Q. Liu. High level scene interpretation using fuzzy belief. *Lecture Notes in Computer Science*, 1024:258–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tian:1995:ESR

[2201] Y. Tian and H. Tsui. Estimating shape and reflectance of surfaces by color image analysis. *Lecture Notes in Computer Science*, 1024:266–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pudney:1995:FDU

[2202] C. Pudney, P. Kovesi, and B. Robbins. Feature detection using oriented local energy for 3D confocal microscope images. *Lecture Notes in Computer Science*, 1024:274–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baciu:1995:AFM

[2203] G. Baciu and R. K. W. Tsang. Advancing front meshing for radiosity solutions. *Lecture Notes in Computer Science*, 1024:283–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Myszkowski:1995:ECB

[2204] K. Myszkowski and T. L. Kunii. An efficient cluster-based hierarchical progressive radiosity algorithm. *Lecture Notes in Computer Science*, 1024:292–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nakamae:1995:MSC

[2205] E. Nakamae, G. Jiao, K. Tadamura, and F. Kato. A model of skylight and calculation of its illuminance. *Lecture Notes in Computer Science*, 1024:304–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fung:1995:RTS

[2206] G. K. P. Fung, H. H. S. lp, and K. C. K. Law. Ray tracing stereoscopic images. *Lecture Notes in Computer Science*, 1024:313–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lasseter:1995:CMC

[2207] J. Lasseter. Creating memorable characters with computers. *Lecture Notes in Computer Science*, 1024:322–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kanazawa:1995:CAL

[2208] K. Kanazawa, M. Kubo, N. Niki, and H. Satoh. Computer assisted lung cancer diagnosis based on helical images. *Lecture Notes in Computer Science*, 1024:323–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carreira:1995:CAL

[2209] M. J. Carreira, D. Cabello, M. G. Penedo, and J. M. Pardo. Computer-aided lung nodule detection in chest radiography. *Lecture Notes in Computer Science*, 1024:331–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sammouda:1995:NNS

[2210] R. Sammouda, N. Niki, and H. Nishitani. Neural networks for the segmentation of magnetic resonance images. *Lecture Notes in Computer Science*, 1024:339–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vemuri:1995:MAK

[2211] B. C. Vemuri, S. Rahman, and J. Li. Multiresolution adaptive K-means algorithm for segmentation of brain MRI. *Lecture Notes in Computer Science*, 1024:347–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kawata:1995:CAA

[2212] Y. Kawata, N. Niki, and T. Kumazaki. Computer-assisted analysis and 3D visualization of blood vessels based on cone-beam CT images. *Lecture Notes in Computer Science*, 1024:355–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baciu:1995:ISM

[2213] G. Baciu and B. P. W. Lee. An interface for synthesizing 3D multibody structures. *Lecture Notes in Computer Science*, 1024:363–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fearing:1995:IOR

[2214] P. Fearing. Importance ordering for real-tune depth of field. *Lecture Notes in Computer Science*, 1024:372–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ho:1995:BCF

[2215] C. S. N. Ho and R. L. Grimsdale. A behavioural control framework for computer animation using AI techniques. *Lecture Notes in Computer Science*, 1024:381–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hel-Or:1995:TSW

[2216] H. Z. Hel-Or. Time-space weighting for image sequence quantization. *Lecture Notes in Computer Science*, 1024: 389–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ahuja:1995:NIC

[2217] N. Ahuja. A nonfrontal imaging camera. *Lecture Notes in Computer Science*, 1024:397–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ma:1995:MCS

[2218] L. Ma and Q. Peng. Modifying and controlling of smooth closed surfaces. *Lecture Notes in Computer Science*, 1024:398–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sarfraz:1995:DRO

[2219] M. Sarfraz. Designing of 3D rectangular objects. *Lecture Notes in Computer Science*, 1024:411–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chun:1995:CAM

[2220] J. Chun and I. R. Greenshields. Classification algorithm for multi-echo magnetic resonance image using Gibbs distributions. *Lecture Notes in Computer Science*, 1024:419–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luo:1995:PES

[2221] F. Luo, L. Lu, and Z. Houkes. Parameter estimation for SAR image by a model based approach. *Lecture Notes in Computer Science*, 1024:427–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1995:SCR

[2222] C. Wang, H. Lu, and S. Ma. A synthesized computer recognition system for human hands. *Lecture Notes in Computer Science*, 1024:435–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gao:1995:IHG

[2223] W. Gao and S. Wang. Independent hand gesture recognition in HandTalker. *Lecture Notes in Computer Science*, 1024:443–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dehmeshki:1995:AES

[2224] J. Dehmeshki, M. F. Daemi, B. P. Atkin, and N. J. Miles. An adaptive estimation and segmentation technique for determination of major maceral groups in coal. *Lecture Notes in Computer Science*, 1024:451–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ando:1995:EMC

[2225] M. Ando and S. Morishima. Expression and motion control of hair using fast collision detection methods. *Lecture Notes in Computer Science*, 1024:463–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kawakami:1995:DES

[2226] F. Kawakami, M. Ohkura, H. Yamada, and H. Harashima. 3-D emotion space for interactive communication. *Lecture Notes in Computer Science*, 1024:471–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Peng:1995:IHF

[2227] A. Peng and M. H. Hayes. Iterative human facial expression modeling. *Lecture Notes in Computer Science*, 1024:479–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kao:1995:SSU

[2228] S.-L. Kao and C.-S. Fuh. Shape from shading using near point light sources. *Lecture Notes in Computer Science*, 1024:487–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1995:FRL

[2229] Tak Keung Cheng, L. Kitchen, and Z.-Q. Liu. Feature replenishment for long-term visual motion tracking. *Lecture Notes in Computer Science*, 1024:489–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1995:IRT

[2230] A. M. K. Cheng and X. Huang. An imprecise real-tune video transmission algorithm. *Lecture Notes in Computer Science*, 1024:491–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adjeroh:1995:MAE

[2231] D. Adjeroh and Moon Chuen Lee. Mechanisms for automatic extraction of primary features for video indexing. *Lecture Notes in Computer Science*, 1024:493–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1995:ELB

[2232] H. Li, Q. Yao, J.-H. Choi, and H.-S. Kwak. An estimation of low bound for two-dimensional image compression coding. *Lecture Notes in Computer Science*, 1024:495–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chiu:1995:TCB

[2233] D. K. Y. Chiu and D. A. Gadishev. Texture comparison based on selected texture primitives. *Lecture Notes in Computer Science*, 1024:497–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parikh:1995:TAU

[2234] J. A. Parikh, J. DaPonte, and M. Damodaran. Texture analysis of ultrasonic images using backpropagation neural networks. *Lecture Notes in Computer Science*, 1024:499–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cong:1995:BSB

[2235] G. Cong and S. Ma. B-spline based multiscale signal derivative filtering. *Lecture Notes in Computer Science*, 1024:501–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yuen:1995:CDU

[2236] P. C. Yuen, S. D. Ma, J. Liu, and Y. S. Yeung. Contour decomposition using dominant points and moment difference method. *Lecture Notes in Computer Science*, 1024:503–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hu:1995:IPA

[2237] Z. Hu and S. Ma. An inherent probabilistic aspect of the Hough transform. *Lecture Notes in Computer Science*, 1024:505–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buse:1995:FSA

[2238] R. Buse and Z.-Q. Liu. A fuzzy structural approach to handwritten word recognition. *Lecture Notes in Computer Science*, 1024:507–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raafat:1995:AOU

[2239] H. Raafat and G. Auda. An Arabic OCR using neural network classifiers. *Lecture Notes in Computer Science*, 1024:510–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zidouri:1995:ACR

[2240] A. Zidouri, S. Chinveeraphan, and M. Sato. Arabic characters recognition based on MCR. *Lecture Notes in Computer Science*, 1024:512–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mariani:1995:GMU

[2241] R. Mariani, M. P. Deseilligny, J. Labiche, and Y. Lecourtier. Geographic map understanding. algorithms for hydrographic network reconstruction. *Lecture Notes in Computer Science*, 1024:514–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohta:1995:AAW

[2242] K. Ohta, Y. Nonaka, and F. Miyawaki. Automatic analyzing of a weaving design with the spatial frequency components. *Lecture Notes in Computer Science*, 1024:516–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sablatnig:1995:VIW

[2243] R. Sablatnig. Visual inspection of watermeters used for automatic calibration. *Lecture Notes in Computer Science*, 1024:518–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vitulano:1995:CAD

[2244] S. Vitulano, C. Di Ruberto, and M. Nappi. Computer aided diagnosis in radiology. *Lecture Notes in Computer Science*, 1024:520–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wenger:1995:IAD

[2245] E. Wenger, V. N. Karnaukhov, A. Haidinger, and N. S. Merzlyakov. Image analysis for dating of old manuscripts. *Lecture Notes in Computer Science*, 1024:522–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yamaoka:1995:DLA

[2246] M. Yamaoka and O. lwaki. Document layout analysis using pattern classification method. *Lecture Notes in Computer Science*, 1024:524–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xu:1995:RED

[2247] Y. Xu and D. Yi. Recognition of engineering drawings based on frame structure theory. *Lecture Notes in Computer Science*, 1024:526–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Griffin:1995:FLS

[2248] P. A. Griffin and H. Noot. FERSA: Lip-synchronous animation. *Lecture Notes in Computer Science*, 1024:528–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanOorschot:1995:DCS

[2249] P. C. Van Oorschot. Design choices and security implications in implementing Diffie–Hellman key agreement. *Lecture Notes in Computer Science*, 1025:1–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Korjik:1995:BKD

[2250] V. Korjik, M. Ivkov, Y. Merinovich, and A. Barg. A broadcast key distribution scheme based on block designs. *Lecture Notes in Computer Science*, 1025:2–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ashikhmin:1995:MSL

[2251] A. Ashikhmin and A. Barg. Minimal supports in linear codes. *Lecture Notes in Computer Science*, 1025:13–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shin:1995:SDS

[2252] Sooyoung Kim Shin and P. Sweeney. Sequential decoding for a subcode of reed solomon codes. *Lecture Notes in Computer Science*, 1025:14–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caballero-Gil:1995:LSA

[2253] P. Caballero-Gil and A. Fuster-Sabater. Linear span analysis of a set of periodic sequence generators. *Lecture Notes in Computer Science*, 1025:22–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Han:1995:MWK

[2254] Y. Han, D. Gollmann, and C. Mitchell. Minimal weight k-SR representations. *Lecture Notes in Computer Science*, 1025:34–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hirschfeld:1995:MCM

[2255] J. W. P. Hirschfeld. The main conjecture for MDS codes. *Lecture Notes in Computer Science*, 1025:44–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Norton:1995:SDA

[2256] G. Norton. Some decoding applications of minimal realization. *Lecture Notes in Computer Science*, 1025:53–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fan:1995:SPS

[2257] P. Z. Fan and M. Darnell. The synthesis of perfect sequences. *Lecture Notes in Computer Science*, 1025:63–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Penzhorn:1995:CLW

[2258] W. T. Penzhorn and G. J. Kuehn. Computation of low-weight parity checks for correlation attacks on stream ciphers. *Lecture Notes in Computer*

Science, 1025:74–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mitchell:1995:SCB

[2259] C. J. Mitchell. A storage complexity based analogue of maurer key esablishment using public channels. *Lecture Notes in Computer Science*, 1025:84–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ho:1995:SDD

[2260] H. P. Ho and P. Sweeney. Soft decision decoding of reed solomon codes using the dorsch algorithm. *Lecture Notes in Computer Science*, 1025:94–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MacKay:1995:GCB

[2261] D. J. C. MacKay and R. M. Neal. Good codes based on very sparse matrices. *Lecture Notes in Computer Science*, 1025:100–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Phoenix:1995:QCP

[2262] S. J. D. Phoenix and P. D. Townsend. Quantum cryptography: Protecting our future networks with quantum mechanics. *Lecture Notes in Computer Science*, 1025:112–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Radu:1995:PEC

[2263] C. Radu, R. Govaerts, and J. Vandewalle. Prepaid electronic cheques using public-key certificates. *Lecture Notes in Computer Science*, 1025:132–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lucks:1995:HTS

[2264] S. Lucks. How traveling salespersons prove their identity. *Lecture Notes in Computer Science*, 1025:142–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1995:ECA

[2265] A. Smith and C. Boyd. An elliptic curve analogue of McCurley's key agreement scheme. *Lecture Notes in Computer Science*, 1025:150–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ahmadian-Attari:1995:MDR

[2266] M. Ahmadian-Attari and P. G. Farrell. Multi-dimensional ring TCM codes for fading channels. *Lecture Notes in Computer Science*, 1025:158–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanTilborg:1995:ACA

[2267] H. C. A. Van Tilborg. Authentication codes: an area where coding and cryptology meet. *Lecture Notes in Computer Science*, 1025:169–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sendrier:1995:EGB

[2268] N. Sendrier. Efficient generation of binary words of given weight. *Lecture Notes in Computer Science*, 1025:184–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pinch:1995:DRS

[2269] R. G. E. Pinch. Distribution of recurrent sequences modulo prime powers. *Lecture Notes in Computer Science*, 1025:188–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cachin:1995:LSS

[2270] C. Cachin. On-line secret sharing. *Lecture Notes in Computer Science*, 1025: 190–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oleshchuk:1995:CRC

[2271] V. A. Oleshchuk. Church–Rosser codes. *Lecture Notes in Computer Science*, 1025:199–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Canteaut:1995:NAF

[2272] A. Canteaut. A new algorithm for finding minimum-weight words in large linear codes. *Lecture Notes in Computer Science*, 1025:205–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stansfield:1995:CCS

[2273] E. V. Stansfield and M. Walker. Coding and cryptography for speech and vision. *Lecture Notes in Computer Science*, 1025:213–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zyablov:1995:SCG

[2274] V. Zyablov, S. Shavgulidze, and J. Justesen. Some constructions of generalised concatenated codes based on unit memory codes. *Lecture Notes in Computer Science*, 1025:237–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geiselmann:1995:NHF

[2275] W. Geiselmann. A note on the hash function of Tillich and Zemor. *Lecture Notes in Computer Science*, 1025:257–263, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Veron:1995:CHI

[2276] P. Veron. Cryptanalysis of Harari's identification scheme. *Lecture Notes in Computer Science*, 1025:264–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Quirke:1995:ASS

[2277] T. M. Quirke and M. Darnell. Analysis of sequence segment keying as a method of CDMA transmission. *Lecture Notes in Computer Science*, 1025: 270–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buttigieg:1995:CVL

[2278] V. Buttigieg and P. G. Farrell. Constructions for variable-length error-correcting codes. *Lecture Notes in Computer Science*, 1025:282–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paterson:1995:LMD

[2279] M. Paterson, S. Tassa, and U. Zwick. Looking for MUM and DAD: text-text comparisons do help. *Lecture Notes in Computer Science*, 1026:1–??, 1995.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jain:1995:BBN

[2280] S. Jain. Branch and bound on the network model. *Lecture Notes in Computer Science*, 1026:11–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dasgupta:1995:NOA

[2281] P. Dasgupta, P. P. Chakrabarti, and S. C. DeSarkar. A near optimal algorithm for the extended cow-path problem in the presence of relative errors. *Lecture Notes in Computer Science*, 1026:22–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roychoudhury:1995:EAV

[2282] A. Roychoudhury and S. Sur-Kolay. Efficient algorithms for vertex arboricity of planar graphs. *Lecture Notes in Computer Science*, 1026:37–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Diwan:1995:CTC

[2283] A. A. Diwan and N. Usharani. A condition for the three colourability of planar locally path graphs. *Lecture Notes in Computer Science*, 1026:52–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baumann:1995:FSR

[2284] P. Baumann and K. Lermer. A framework for the specification of reactive and concurrent systems in Z. *Lecture Notes in Computer Science*, 1026:62–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zwiers:1995:SDD

[2285] J. Zwiers, U. Hannemann, Y. Lakhneche, and W.-P. De Roever. Synthesizing different development paradigms: Combining top-down with bottom-up reasoning about distributed systems. *Lecture Notes in Computer Science*, 1026:80–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hooman:1995:VPA

[2286] J. Hooman. Verifying part of the ACCESS.bus protocol using PVS. *Lecture Notes in Computer Science*, 1026:96–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Petrone:1995:RBP

[2287] L. Petrone. Reusing batch parsers as incremental parsers. *Lecture Notes in Computer Science*, 1026:111–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Panangaden:1995:EPI

[2288] P. Panangaden. The expressive power of indeterminate primitives in asynchronous computation. *Lecture Notes in Computer Science*, 1026:124–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Garrigue:1995:TC

[2289] J. Garrigue. The transformation calculus. *Lecture Notes in Computer Science*, 1026:151–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tiuryn:1995:EAB

[2290] J. Tiuryn. Equational axiomatization of bicoercibility for polymorphic types. *Lecture Notes in Computer Science*, 1026:166–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raynal:1995:CCS

[2291] M. Raynal and A. Schiper. From causal consistency to sequential consistency in shared memory systems. *Lecture Notes in Computer Science*, 1026:180–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tomlinson:1995:OSD

[2292] A. I. Tomlinson and V. K. Garg. Observation of software for distributed systems with RCL. *Lecture Notes in Computer Science*, 1026:195–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dendris:1995:PAS

[2293] N. D. Dendris, L. M. Kirousis, Y. C. Stamatiou, and D. M. Thilikos. Partiality and approximation schemes for local consistency in networks of constraints. *Lecture Notes in Computer Science*, 1026:210–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kapur:1995:MES

[2294] D. Kapur and G. Sivakumar. Maximal extensions of simplification orderings. *Lecture Notes in Computer Science*, 1026:225–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schuler:1995:APT

[2295] R. Schuler. Average polynomial time is hard for exponential time under sn-reductions. *Lecture Notes in Computer Science*, 1026:240–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ravikumar:1995:STG

[2296] S. Ravikumar and D. Sivakumar. On self-testing without the generator bottleneck. *Lecture Notes in Computer Science*, 1026:248–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nielsen:1995:OBC

[2297] M. Nielsen and A. Cheng. Observing behaviour categorically. *Lecture Notes in Computer Science*, 1026:263–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caspi:1995:ARB

[2298] P. Caspi, J.-C. Fernandez, and A. Girault. An algorithm for reducing binary branchings. *Lecture Notes in Computer Science*, 1026:279–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boreale:1995:CBV

[2299] M. Boreale and L. Trevisan. On the complexity of bisimilarity for value-passing processes. *Lecture Notes in Computer Science*, 1026:294–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dsouza:1995:EPC

[2300] A. Dsouza and B. Bloom. On the expressive power of CCS. *Lecture Notes in Computer Science*, 1026:309–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Odersky:1995:PNP

[2301] M. Odersky. Polarized name passing. *Lecture Notes in Computer Science*, 1026:324–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Balasubramanian:1995:PBH

[2302] R. Balasubramanian and V. Raman. Path balance heuristic for self-adjusting binary search trees. *Lecture Notes in Computer Science*, 1026:338–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

RaoKosaraju:1995:PMC

[2303] S. Rao Kosaraju. Pattern matching in compressed texts. *Lecture Notes in Computer Science*, 1026:349–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arikati:1995:APM

[2304] S. R. Arikati, S. Chaudhuri, and C. D. Zaroliagis. All-pairs min-cut in sparse networks. *Lecture Notes in Computer Science*, 1026:363–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biswas:1995:MSU

[2305] S. K. Biswas and S. Kannan. Minimizing space usage in evaluation of expression trees. *Lecture Notes in Computer Science*, 1026:377–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Edelsbrunner:1995:SSM

[2306] H. Edelsbrunner. Smooth surfaces for multi-scale shape representation. *Lecture Notes in Computer Science*, 1026:391–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Levcopoulos:1995:PCP

[2307] C. Levcopoulos, A. Lingas, and C. Wang. On parallel complexity of planar triangulations. *Lecture Notes in Computer Science*, 1026:413–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Follert:1995:CLE

[2308] F. Follert, E. Schoemer, J. Sellen, and M. Smid. Computing a largest empty anchored cylinder, and related problems. *Lecture Notes in Computer Science*, 1026:428–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krznaric:1995:CHC

[2309] D. Krznaric and C. Levcopoulos. Computing hierarchies of clusters from the Euclidean minimum spanning tree in linear time. *Lecture Notes in Computer Science*, 1026:443–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klarlund:1995:DBA

[2310] N. Klarlund, M. Mukund, and M. Sohoni. Determinizing buechi asynchronous automata. *Lecture Notes in*

Computer Science, 1026:456–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Asarin:1995:ATC

[2311] E. Asarin and O. Maler. Achilles and the tortoise climbing up the arithmetical hierarchy. *Lecture Notes in Computer Science*, 1026:471–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Browne:1995:GTV

[2312] I. A. Browne, Z. Manna, and H. B. Sipma. Generalized temporal verification diagrams. *Lecture Notes in Computer Science*, 1026:484–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bianco:1995:MCP

[2313] A. Bianco and L. De Alfaro. Model checking of probabilistic and nondeterministic systems. *Lecture Notes in Computer Science*, 1026:499–??, 1995. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Muller:1995:CSC

[2314] Silvia M. Muller and Wolfgang J. Paul. *The complexity of simple computer architectures*, volume 995 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1995. CODEN LNCSD9. ISBN 3-540-60580-0 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). xii + 270 pp. LCCN QA76.9.A73 M84 1995.

Sudan:1995:ECP

[2315] Madhu Sudan. *Efficient checking of polynomials and proofs and the hardness of approximation problems*, volume 1001 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1995. CODEN LNCSD9. ISBN 3-540-60615-7 (Berlin: softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). xiv + 87 pp. LCCN QA267.S83 1996.

Kistler:1995:DOD

[2316] James Jay Kistler. *Disconnected operation in a distributed file system*, volume 1002 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1995. CODEN LNCSD9. ISBN 3-540-60627-0 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). xviii + 249 pp. LCCN QA76.9.D5K57 1996.

Nayak:1995:AMP

[2317] P. Pandurang Nayak. *Automated modeling of physical systems*, volume 1003 of *Lecture Notes in Artificial Intelligence and Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1995. CODEN LNCSD9. ISBN 3-540-60641-6 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). xx + 232 pp. LCCN QA76.9.C65N39 1995.

Bosselaers:1995:IPS

[2318] Antoon Bosselaers and Bart Preneel. *Integrity primitives for secure information systems: final RIPE report of RACE Integrity Primitives Evaluation (R1040)*, volume 1007 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1995. CODEN LNCSD9. ISBN 3-540-60640-8 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). 239 pp. LCCN QA76.9.A25 I553 1995.

delPobil:1995:SRM

[2319] Angel Pasqual del Pobil and Miguel Angel Serna. *Spatial representation and motion planning*, volume 1014 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1995. CODEN LNCSD9. ISBN 3-540-60620-3. ISSN 0302-9743 (print), 1611-3349 (electronic). xii + 242 pp. LCCN TJ211.4 .S63 1995.

Cipolla:1995:AVI

[2320] Roberto Cipolla. *Active visual inference of surface shape*, volume 1016 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1995. CODEN LNCSD9. ISBN 3-540-60642-4 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). xii + 193 pp. LCCN TA1634 .C57 1996.

Needham:1997:TE

[2321] Roger M. Needham and David J. Wheeler. TEA extensions. Report, Cambridge University, Cambridge, UK, October 1997. URL `http://www.movable-type.co.uk/scripts/xtea.pdf`. See also original TEA [1811] and extension XXTEA [2322].

Wheeler:1998:CX

[2322] David J. Wheeler and Roger M. Needham. Correction to XTEA. Report, Cambridge University, Cambridge, UK, October 1998. URL `http://www.movable-type.co.uk/scripts/xxtea.pdf`. See also original TEA [1811] and first extension XTEA [2321].