A Bibliography of Pseudorandom Number Generation, Sampling, Selection, Distribution, and Testing

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Title word cross-reference

#14 [2344]. **#15949** [897]. **#4059** [1278]. **#8373** [2160].

$(0, 1)$ [1087]. $(0, s)$ [2610, 3029]. $(a^n - 1)/(a - 1)$ [945]. (j, ϵ) [750]. $(n^2\alpha)$ [2561]. $(n^k\alpha)$ [2562]. $(n\alpha)$ [2561]. (t, m, s) [2102, 2984, 2108, 2417]. (t, s) [2709, 2102, 2408, 2984, 2108]. (X, Y) [3781]. $(X^2 - Y^2)^{1/2}$ [501]. $0.1(0 \times 1)0 \times 9$ [141]. 1 [757, 901, 2932, 173, 306, 732, 3065, 3067]. $1, 2, 3$ [3626]. $1.13198824\ldots$ [2585]. $10,000$ [285]. **$10.00** [170]. 10^{2857} [2556]. 10^{435} [2099]. 1200μ [3243]. 128 [3269]. 13 [273]. 16 [273]. 2 [2932, 2180, 957, 3203, 2570, 2909, 3069, 398]. 2,000 [87]. **$24.95** [2147]. $2^{-31} - 1$ [860, 958]. 2^{15} [2199]. $2^{31} - 1$ [3678, 824, 1003, 1037, 1230, 1231]. $2^{31} - 69$ [3512]. $2^{32} - 1$ [1120]. 2^{α} [1516, 2302]. 2^{β} [1353, 1523, 1776]. 2^k [2690]. 2^{k-1} [2690]. 2^p [3365]. $2^p - 1$ [2337]. 2^t [4038]. 3 [1833, 3831]. 32 [3770]. 4 [273]. 48 [248]. 5 [273]. **$52.95** [3733]. 64 [3971]. $[0, 1]$ [219, 872]. $^{-1}$

[3771]. ^{2} [3243]. $_\tau$ [2439, 2008]. a [370]. $a = \pm 2^q \pm 2^r$ [2473, 2548]. a_n [668]. $\alpha \geq 1$ [3774]. $\alpha\lambda$ [734, 735]. b [2196, 3463]. $b = 2, 3, 5, 6, 7, 10, 11, 12$ [1067, 1338, 2697]. $b^n \pm 1$ [1067, 1338, 2697]. $\beta = 32$ [1353]. $\beta = 48$ [1353]. $\beta \simeq 32$ [1523]. $\beta \simeq 48$ [1523]. $\left\{\frac{a}{m}j^2\right\}, \left\{\frac{a}{m}(j+\tau)^2\right\}$ [328]. mod1 [301, 302, 409, 660, 743, 665]. mod$n$ [2267]. C^∞ [1297]. $C\exp(-\lambda|x|^\nu)$ [1504]. χ^2 [350, 953, 1117, 1118, 1119, 6, 7]. D [2443, 1853, 3077, 2138]. d^2 [93]. e [81, 1542, 87, 373]. ϵ [1958]. F_2 [3113, 3124, 3971, 3351]. F_{2^w} [2910]. G [454, 455]. Γ [1252, 1225]. j [2063]. K [2254, 3991, 1492, 3959, 3993, 1811, 2171, 1072, 1355, 1965, 3829, 3865, 1138, 1394, 2017]. $k > 1$ [1383]. L^2 [2087, 2013]. L_2 [2191]. L_p [2470]. λ [2899]. M [1471, 1235, 1201, 853, 471, 1074, 1042, 448, 250, 1387, 2217, 2403, 2131, 2242, 2244, 2333, 1149, 231]. $\mathbf{F}_2$ [3206, 3589, 3815]. $\mathbf{F}_{2^w}$ [3068]. $\mathbf{F}_q$ [3327, 3647]. $\mathbf{F}_{q^m}$ [3327, 3647]. $\mathbf{R}^d$ [4109]. $\mathbf{F_2}$ [3590]. GF(2^{m}) [1601]. μ [3306]. N [1167, 921, 270, 1343, 1721, 1722, 2288, 731, 3826, 205, 624, 196, 2871, 201, 1558, 3948, 805, 207, 431, 808]. O(3) [1603]. $O(n(1 + \log(N/n)))$ [1975]. P [6, 729, 4016, 4098, 3248, 2492, 2235, 4007, 3465, 2248, 2435]. $\partial^2 u/\partial x^2 + \partial^2 u/\partial y^2 + (K/y)(\partial u/\partial y) = 0$ [197]. π [2947, 81, 1542, 87, 285, 288, 3004]. ± 1 [668]. $\pm 2^{k_1} \pm 2^{k_2}$ [2337]. $\pm 2^{p_1} \pm 2^{p_2}$ [2682]. q [2574]. S [1036, 1916]. σ [1603]. $\sqrt{2}$ [412, 443]. $\sum a_n/n$ [668]. T [2643, 2927, 1906, 854, 1916, 1341, 3118, 871, 967, 972, 40]. $U(0, 1)$ [2798]. W [3453]. $X(I + 1) = AX(I) \bmod 2^{31}1$ [786]. X/Z [3781]. $x^2 \bmod N$ [2046]. $X_{n+1} = a_n X_n + b_n \pmod p$ [1838]. $X_t = X_{t-3p} \oplus X_{t-3q}$ [1526]. Y/Z [3781]. $y = [(a + x)\sin(bx)] \bmod 1$ [2415]. Z [3781]. Z/nZ [1949]. Z_p [1425].

good [2741].

-adic [3463, 455, 454, 2435]. **-biased** [1958]. **-Bit** [3269, 3971, 248]. **-concave** [2643]. **-D** [3203]. **-deformed** [2574]. **-dependent** [1958]. **-Detection** [3948]. **-digit** [273]. **-Dimensional** [270, 196, 201, 921, 1558, 2017, 1811, 808, 205, 1343, 3077]. **-discrepancy** [2087]. **-distributed** [1355]. **-Distribution** [972, 1906, 1072]. **-distributions** [1853, 2138]. **-échantillon** [805]. **-estimates** [1471]. **-Fock** [2574]. **-function** [2063, 2899]. **-functions** [1297]. **-homomorphism** [2443]. **-Linear** [3113, 3206, 3971, 3124, 3351, 3589, 3590, 3815]. **-model** [1603]. **-net** [2102]. **-Nets** [2984, 2108, 2417]. **-nm** [3770]. **-observation** [1721, 1722]. **-quanta** [1225]. **-Random** [2248]. **-sample** [805]. **-sequence** [1042, 1387, 2403, 2102, 1235, 1201]. **-Sequences** [853, 2610, 3029, 448, 2408, 2984, 2108, 2709, 1074, 2217, 2131, 2242, 2244, 2333]. **-sphere** [1149, 431]. **-step** [1138, 1394]. **-System** [2254]. **-values** [4007, 729, 3248]. **-Vector** [3993, 3959, 3829, 3865]. **-wise** [3991, 1492, 2171, 1965].

/dev/random [2780, 3750, 2839, 2934]. **/dev/urandom** [2839].

0 [993]. **0-471-01751-5** [993]. **0.57pJ** [3379]. **0.57pJ/bit** [3379]. **'05** [4283, 4287]. **'07** [4293]. **'08** [4298].

1 [767, 1076, 1971, 1972, 3494, 3395]. **1.04** [3306]. **1.1** [3857]. **1.6** [3771]. **'10** [4312, 914]. **1013** [4044]. **106** [1119, 846]. **10th** [4140, 4288]. **11** [1347]. **111** [819]. **11th** [4137, 4308, 4219]. **12** [897]. **120** [2929]. **128-bit** [2526, 3262]. **12th** [4287]. **'13** [4334]. **133** [268, 269, 308, 314]. **134** [901]. **13th** [4255]. **14th** [4294, 4222]. **153** [956, 1118, 1119]. **155** [953, 1119]. **157** [1006]. **16** [2945, 1514, 3076, 939]. **16-Bit** [1300, 1914, 763, 1514, 2238]. **16-bit-PC** [1514]. **160** [2544]. **16th** [4205]. **1750** [1929]. **17th** [4312]. **181** [1877]. **183** [1192, 1058, 1152, 1267]. **193** [1178, 1077]. **1949** [4129]. **1953** [4132]. **1954** [4133]. **1957** [4134]. **1960** [4135]. **1962** [4139]. **1965** [4140]. **1967** [4142]. **1970** [508]. **1971** [4145]. **1974** [4147]. **1976** [4151, 4148]. **1978** [4152]. **1981** [4157]. **1983** [4160, 4163]. **1984** [4167, 4165]. **1986** [4171, 4175]. **1987** [4176]. **1988** [4182, 4181, 4183, 4185, 4186]. **1989** [4191]. **1990** [4192, 4193, 4207]. **1991** [4199, 4200, 4205]. **1992** [4203, 4210, 4211]. **1994** [4221, 4223, 4231, 4224, 4225]. **1995** [4226, 4237, 4228]. **1996** [4251, 4239]. **1997** [4240, 4244]. **1998** [4257, 4250, 4258]. **1999** [4253, 4254]. **1a** [3498].

2 [196, 221, 2321, 3495]. **2.4GHz** [3507]. **20** [2147, 2493]. **200** [303, 365]. **2000** [4275, 4264, 3217]. **2001** [4270, 4272]. **2002** [4273, 2696, 4280]. **2003** [2982]. **2004** [4278, 2696, 4290]. **2005** [4283, 4292]. **2006** [4301]. **2007** [4293, 3244, 4297]. **2008** [4298, 4300, 4309]. **2009** [4310]. **2010** [4312, 4317]. **2011** [4324]. **2014** [3872, 3913]. **2018** [3986]. **204** [1117]. **205** [1419, 1128]. **20MHz** [2616]. **20th** [4339, 4185, 4186]. **21st** [4250, 2864]. **22** [2959, 3048, 3719]. **22nd** [4254]. **235** [321]. **23rd** [4158]. **247** [324]. **24th** [4161]. **25** [2160]. **256** [2928]. **25th** [4164]. **266** [362, 363, 631]. **267** [364]. **27th** [4296]. **28th** [4179]. **29** [506, 810]. **294** [427]. **29th** [4200, 4184]. **2nd** [4157, 4170].

3 [3671, 3208, 3867, 1994, 3496, 3874]. **3-Key** [2965]. **3.0** [2711]. **3.x** [2343]. **30** [3637]. **30th** [4190, 4211]. **31** [2630]. **31-bit** [775]. **31st** [4196]. **32-Bit** [1247, 2983, 3008, 3049, 3123, 1784, 3511]. **32-bit-word** [547]. **334** [436, 481]. **33rd** [4206]. **342** [461, 463]. **360** [817, 681, 480, 485, 494, 464]. **360/370** [725]. **369** [531]. **36th** [4278, 4229]. **370** [503, 621]. **37th** [4283, 4238]. **3800** [2143]. **381** [518, 626]. **38th** [4242]. **39th** [4293].

4 [467, 676, 3497]. **4086** [2948]. **40th** [4298]. **41st** [4263]. **42** [696, 697]. **4217th** [3512]. **4217th-order** [3512]. **425** [599, 701]. **42nd** [4267]. **440** [3168]. **440-nA** [3168]. **441** [648]. **45nm** [3379, 3507]. **46** [2160]. **48** [499]. **48-Bit** [1053, 935]. **488** [678]. **4Gbps** [3379].

5 [993]. **5.0** [1682]. **5.2** [2839]. **500** [3434, 322]. **51st** [4318]. **52** [897]. **52nd** [4333]. **5869** [4123]. **5th** [4299].

6 [3769]. **60th** [4335]. **61** [1267]. **623-dimensionally** [2402]. **64-bit** [2272, 764, 2741, 2897, 2568, 3634, 3639]. **647** [1233]. **659** [1336, 2809]. **668** [1371]. **678** [1450]. **6th** [4262].

701 [155]. **71** [1278]. **712** [1750]. **738** [1909]. **76** [1043]. **780** [2372]. **79** [2195]. **7mW** [3507].

8-bit [2616]. **8.8/11.2** [4316]. **800** [3098, 3911]. **800-22** [3498]. **800-90** [3098]. **800-90B** [3911]. **802** [2534]. **806** [2559, 2560]. **8088/8086** [1280]. **80f** [939]. **82** [4159]. **82g** [1076]. **82h** [1043]. **84** [4169]. **85** [2069]. **'86** [4180]. **'87** [4177]. **'88** [4195]. **8th** [4328, 4183].

'90 [4197, 3098, 2075]. **90/150** [2840]. **90/95** [2708]. **90B** [3911]. **'91** [4205]. **92** [720]. **'93** [4212, 4215]. **'94** [4222, 4223, 4224]. **947** [3823]. **'95** [4228, 4230, 2034]. **958** [3900]. **'96** [4234, 4239]. **'97** [4244, 2482]. **970** [3952]. **978** [3769]. **978-0-521-17561-6** [3769]. **978-0-88385-043-5** [3733]. **97j** [2321]. **'98** [4257, 772, 866]. **9th** [4316].

= [4134, 4145].

A.2.4 [2965]. **AAECC** [4255]. **AAECC-13** [4255]. **AbBT** [1636]. **Absolute** [402, 372]. **Absorption** [290]. **Abstract** [2445, 1172, 1530, 2631, 1647, 1652, 1567, 1206, 3692, 1449, 2539, 1845, 3601, 1253, 2505, 2508]. **abstracts** [4205]. **abuses** [1401]. **AC** [2009]. **Accelerated** [3354, 1895, 3743, 3799, 3753, 3228]. **Accelerating** [2349, 3443, 3835]. **Acceleration** [3964, 2289, 3811, 4011, 1968]. **Accelerator** [4039]. **Acceptance** [1524, 3692, 1130, 981, 3883, 2936, 1014, 1043]. **Acceptance-Complement** [1130]. **Acceptance-Rejection** [1524, 3692, 3883, 2936, 1014, 1043]. **Acceptance/rejection** [981]. **Accepting** [2335, 2026]. **Access** [1807, 2048, 4048, 2220, 1708, 1709, 3211, 2098, 2777]. **according** [11, 698]. **Accumulated** [339, 2004]. **Accuracy** [212, 2787, 1349, 1461, 655, 1193, 2588, 3161, 3614, 2482, 2747, 2982, 3244, 3360, 566, 3838, 576, 632, 2221, 3091]. **Accurate** [3091, 855, 3861, 3160, 603, 3773]. **Achieve** [3999]. **achieving** [442]. **Acknowledgement** [696, 697]. **ACM** [4220, 4171, 4176, 4182, 4192, 4203, 4212, 4221, 4226, 4253, 4260, 4273, 4283, 4293, 4298, 4311, 4320, 4327, 4334, 4200, 4287, 4310, 4224, 678, 503, 599, 518, 648, 362, 621, 3622, 531]. **ACM-SIAM** [4220]. **ACORN** [1489, 1799]. **acquisition** [2298]. **acquisition-processing** [2298]. **ACR** [1535]. **Actel** [3196]. **actions** [2076]. **Active** [3661, 3148]. **Actuarial** [4282]. **Acyclic** [1415]. **Ada** [1416, 2034, 1217, 1736, 1367]. **Adams** [2269]. **Adaptive** [3096, 2066, 2287, 3208, 921, 736, 3843, 3457, 2304, 3829, 3627, 808]. **Add**

[1793, 2690, 1941, 1891]. **Add-with-Carry** [1793, 1891]. **Addendum** [1340]. **addition** [2221]. **Additional** [3239, 807]. **additions** [2082]. **Additive** [2145, 2691, 911, 2269, 200, 185, 2093, 2094, 2902, 457, 635, 472, 557, 601, 602, 1985, 843, 2332, 3646, 3286, 3523]. **adic** [3463, 454, 455, 2435]. **Adjoint** [2110]. **Adjustable** [4122, 3303]. **Administration** [4233]. **Admissible** [3135]. **Advance** [4125]. **Advanced** [1493, 1967, 4147, 4316, 4265, 2500, 2579]. **Advances** [4159, 4177, 4195, 1101, 4245, 4257, 2734, 4216, 2756, 4167, 4169, 4222, 4296, 4180]. **Advancing** [4306]. **Adventures** [4066, 4241]. **adversaries** [3732]. **advised** [3919]. **aegis** [4140]. **AES** [2803, 2539, 2627, 2965]. **Affairs** [4140]. **Affects** [4053, 3566]. **Affine** [3901, 4006, 2575]. **Against** [2942, 4111, 3418, 3930, 1366, 3256, 3732, 3525, 3919, 4026]. **Age** [2787]. **Agricultural** [24, 299, 47, 73, 114, 115, 171, 172]. **Ahead** [3113, 3206, 3207, 3403]. **Ahrens** [897]. **AI** [4117]. **aid** [2122]. **Aimed** [3081]. **Air** [4142, 1925]. **AIS** [2630, 2493]. **AIX** [2839]. **Akima** [777]. **al.** [923]. **Alabama** [4200]. **Alamos** [3814]. **Alberta** [4147]. **Alea** [3543]. **aléatoire** [1908, 322, 805]. **aléatoires** [4126, 2863, 763, 2209, 284, 344, 2570, 1594, 904]. **aleatorios** [134]. **Alexandria** [4287]. **Alfred** [3339]. **Algebra** [2040, 3308, 1874, 3734, 4201, 3894, 4255, 426, 4201]. **Algebraic** [437, 4213, 2786, 3813, 1543, 4230, 2407, 2408, 528, 3525, 4091, 4003, 4255, 1373, 121, 666, 99, 286, 3989]. **Algebraic-Geometry** [2407]. **Algorithm** [4044, 757, 818, 2517, 3018, 905, 678, 1805, 546, 503, 761, 3671, 682, 1920, 1285, 2456, 2457, 2458, 2611, 105, 3207, 513, 1178, 2806, 1077, 599, 921, 1299, 4112, 3820, 518, 648, 27, 652, 2974, 3234, 3618, 1305, 1389, 1658, 1574, 2109, 839, 362, 2664, 621, 368, 531, 2006, 2007, 3506, 1889, 2014, 3952, 2921, 1056, 1595, 2245, 1057, 2686, 1895, 1684, 3006, 3883, 1902, 1904, 3417, 3170, 3095, 3746, 854, 1274, 1504, 760, 2441, 2519, 2940, 1113, 3932, 505, 4070, 554, 1165, 3322, 1290, 2184, 2794, 2618, 2957, 3589, 1176, 1129, 3224, 2968, 1463, 4036, 4077, 1753, 3908]. **algorithm** [2905, 797, 2651, 1196, 1310, 2908, 3783, 3947, 2410, 1090, 3949, 1095, 705, 933, 624, 3873, 1584, 1883, 3627, 2127, 3510, 1795, 1796, 1320, 2427, 2428, 1680, 2142, 3007, 2927, 4086, 754, 3736, 808, 2779, 4044, 901, 819, 268, 269, 436, 1336, 1909, 720, 953, 506, 321, 956, 1117, 1233, 303, 772, 1006, 324, 2372, 381, 1178, 866, 1077, 2534, 2809, 1371, 1450, 481, 3823, 308, 3900, 1750, 2559, 2560, 1192, 701, 363, 364, 365, 392, 314, 626, 846, 461, 463, 427, 631, 3952, 810, 1058, 1152, 3406, 3532, 1267]. **Algorithmic** [3437, 4002, 4041, 1762, 571, 1597, 4246]. **algorithmische** [571]. **algorithmischer** [1762]. **Algorithms** [4220, 899, 901, 3924, 819, 1804, 2257, 1275, 2163, 720, 4120, 3191, 953, 1620, 506, 1116, 956, 1117, 1118, 1119, 3324, 1038, 772, 773, 1006, 1943, 3040, 4256, 1177, 2625, 2720, 1178, 866, 647, 691, 1077, 1843, 1848, 2965, 2385, 2545, 2203, 1376, 2205, 1975, 2817, 488, 1192, 4039, 2222, 1314, 2233, 2236, 1785, 846, 2500, 4272, 4209, 4150, 810, 1058, 1152, 1267, 1689, 897, 3799, 2598, 1699, 3096, 2161, 1225, 2949, 2186, 2284, 4255, 1174, 3687, 2191, 1739, 1374, 1847, 1547, 1548, 4096, 2644, 1754, 3773, 1765, 3715, 3065, 3830, 1312, 1880, 2491, 4102].

algorithms [3835, 2009, 2010, 4256]. **Alias** [2234, 2997, 1409, 1008, 924]. **alignments** [1902]. **All-Digital** [3379, 3507]. **All-Optical** [3707]. **alla** [471]. **Alleged** [2614]. **Alley** [2006, 1889, 2014]. **Allocation** [647, 691, 733, 2698, 3457]. **Almost** [3027, 3690, 1492, 4059]. **Along** [3978]. **Alternating** [1364, 3138]. **Alternative** [3575, 827, 1954, 2644, 2832]. **Alternatives** [2484, 1234, 164, 50]. **Alto** [4334, 4248]. **always** [3781]. **AMD** [3995]. **Amer** [1278, 1043]. **America** [3733]. **American** [4137, 4204, 4132]. **Amiel** [319]. **Among** [2452, 1543, 285, 848, 1916, 2095, 2096, 2480, 2511]. **Amplification** [2652, 2827]. **Amplified** [3524, 3676]. **amplifier** [3538, 3539]. **Amsterdam** [4177, 4339]. **Anal** [939]. **analiz** [352]. **Analog** [355]. **Analog-Digital** [355]. **Analogue** [197, 1130, 554]. **analyse** [4145]. **Analyses** [1829, 3085]. **Analysis** [1688, 3162, 4295, 3165, 3924, 3167, 2343, 4106, 2155, 949, 950, 995, 3996, 760, 3561, 996, 1217, 3887, 1919, 405, 4132, 1621, 1164, 2060, 3110, 1120, 1523, 2614, 3329, 2617, 3038, 2622, 3205, 3688, 778, 2880, 962, 1962, 3820, 965, 923, 2545, 2205, 4035, 970, 3899, 2387, 4324, 788, 448, 971, 3463, 3239, 874, 1988, 1475, 4079, 3362, 1574, 3868, 839, 1993, 4054, 4207, 843, 55, 57, 978, 3502, 494, 2007, 2997, 4138, 1485, 1793, 291, 265, 3288, 3402, 3525, 754, 1208, 4145, 1689, 1028, 2441, 2519, 3098, 403, 2167, 4066, 1813, 3750, 3438, 2178, 1169, 1230]. **analysis** [1231, 1353, 2368, 2065, 1634, 3588, 2291, 2374, 1369, 3211, 1242, 2199, 3599, 2544, 1851, 1044, 1644, 2546, 3051, 3055, 2974, 3607, 4077, 789, 1754, 2816, 2979, 3467, 2743, 1017, 1088, 3473, 3364, 1766, 1253, 1309, 2655, 3912, 3370, 1995, 666, 460, 2122, 747, 264, 2127, 2675, 2681, 3084, 3149, 209, 1593, 2427, 2428, 3395, 3643, 20, 236]. **Analytic** [2048, 3597, 1091]. **Analytical** [2612, 357, 4335]. **analyze** [4063, 4003]. **Analyzing** [2256, 2280, 1375, 2203]. **anaylsis** [500, 619]. **Andersen** [238]. **Anderson** [1046, 2555]. **Android** [3751]. **Angeles** [4130, 4179, 91]. **angenäherten** [278]. **Angle** [518, 626]. **animals** [1907]. **Ann** [696, 697]. **Annealing** [3819, 3077]. **Annual** [4273, 4278, 4283, 4293, 4298, 4334, 4312, 4200, 4161, 4196, 4206, 4229, 4238, 4242, 4263, 4318, 4333, 4170, 4296, 4272, 4259, 4211, 4152, 4220, 4166, 4171, 4176, 4182, 4187, 4192, 4203, 4221, 4226, 4235, 4253, 4260, 4222, 4262, 4158, 4164, 4179, 4184, 4190]. **Anosov** [3914]. **ANSI** [2965, 2638, 2736, 3054, 3126, 3768]. **Anthanasios** [390]. **Antithetic** [726, 733, 2088, 2447]. **Antonio** [4252]. **Antony** [4261]. **ANTS** [4246]. **ANTS-III** [4246]. **any** [350, 2466, 76, 618]. **Aperiodic** [3885, 2801, 3761, 3260, 1606]. **APG** [1877]. **apparent** [840]. **Appearing** [1551]. **Appears** [1359]. **Appendix** [2965]. **Appl** [2321, 3734]. **Apple** [1154, 1270]. **Applesoft** [1358]. **applicability** [1162]. **Application** [3535, 853, 3167, 4167, 908, 2866, 4177, 304, 2797, 2720, 3210, 4300, 1636, 2303, 2547, 2387, 44, 3243, 3779, 2486, 3724, 3081, 889, 290, 3273, 3392, 2026, 2335, 4028, 3301, 2940, 2038, 3564, 2870, 4316, 3448, 2804, 3595, 3596, 3459, 1132, 3709, 2112, 1199, 2914, 707, 980, 747, 1260, 2496, 137, 3277, 1601, 3289, 4086, 2777, 7, 4087]. **Application-based** [1636, 3709]. **Application-Specific** [4300]. **Applications**

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[1964, 869, 1640, 4051, 780, 829, 871, 1549, 2303, 1465, 2637, 2890, 3052, 3227, 831, 3823, 1186, 4014, 3357, 249, 3771, 695, 1649, 1756, 3905, 3707, 2214, 1862, 2898, 2093, 2094, 3059, 453, 2218, 2903, 657, 610, 738, 1193, 3133, 131, 187, 1089, 2569, 3717, 3911, 611, 1771, 2105, 2224, 662, 701, 227, 4054, 1091, 667, 3948, 4056, 4019, 260, 2002, 3373, 1400, 1669, 1020, 2993, 3834, 1583, 3142, 2576, 287, 845, 884, 982, 983, 984, 985, 1022, 1102, 1203, 3506, 2008, 1886, 2997, 630, 890, 1262, 1789, 3269, 573, 2331, 3147, 3637, 3951, 3984].
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[892, 893, 1023, 2680, 136, 165, 1794, 3151, 3274, 1892, 3277, 3278, 2245, 428, 1150, 1206, 539, 540, 1681, 716, 2510, 1604, 3735, 3920, 3653, 904, 3883, 634, 4105, 1270, 433, 2515, 3958, 1497, 1803, 3164, 3296, 3884, 1906, 1333, 3016, 3546, 3547, 3742, 3743, 3744, 3799, 1273, 1907, 2153, 3093, 3660, 350, 3170, 994, 2935, 3746, 854, 3996, 2161, 3176, 821, 1065, 1908, 182, 4119, 1504, 1423, 952, 911, 1707, 403, 1809, 3929, 404, 2443, 2353, 3099, 2044, 2355, 470, 1341, 1343, 997, 1032, 1619, 1718, 2870, 3433, 998, 999, 1033, 1114, 1224, 1719, 1720].
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[1815, 2270, 3317, 3807, 4047, 1002, 1163, 1430, 218, 2059, 2181, 322, 2872, 1434, 2455, 768, 555, 1074, 1292, 1437, 1526, 3032, 557, 185, 1294, 1362, 643, 2876, 3756, 4006, 3447, 3895, 3850, 3041, 2075, 1078, 1839, 2535, 2723, 2807, 1446, 3209, 1041, 202, 1449, 1740, 1537, 1538, 828, 1080, 4034, 3453, 118, 1182, 1243, 3219, 1011, 4052, 1458, 783, 1460, 4095, 1014, 1043, 3938, 1973, 2390, 2393, 2889, 3700, 3940, 1853, 129, 3701, 2813, 3972, 4114, 3770, 1466, 4077, 3858, 3904, 1249, 158, 1468, 3861, 2554, 793, 1085, 3774, 1864, 1985, 2479, 2559, 2560, 1865, 160].
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[130, 1137, 3714, 3910, 564, 565, 1661, 1769, 1770, 1990, 2104, 2106, 618, 3830, 3368, 880, 3783, 420, 3947, 492, 3869, 1090, 1050, 3621, 3949, 3071, 3491, 3072, 1096, 1052, 3075, 3140, 937, 979, 4102, 1201, 883, 2575, 981, 3078, 3835, 2328, 1204, 989, 149, 2129, 3638, 2244, 2583, 1486, 3086, 3152, 3791, 1594, 2584, 1320, 3987, 1149, 1321, 850, 3732, 576, 632, 672, 714, 3399, 3157, 2586, 3649, 3734, 2433, 1603, 1265, 2435, 2689, 2775, 3892, 1596, 3397, 1908, 322, 1594, 904, 1514, 1009, 625, 895, 763, 1531, 1545, 1546, 1316, 3023, 3101].
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[3654, 1156, 3537, 1211, 1905, 3540, 3295, 3413, 2254, 3168, 2151, 295, 3549, 3661, 758, 3845, 3554, 1213, 3668, 1336, 908, 503, 1424, 822, 1506, 3563, 3428, 4089, 2039, 3186, 3306, 3430, 4065, 4107, 3674, 2043, 2445, 1161, 1615, 2354, 3310, 1921, 2944, 4000, 1621, 2790, 271, 2172, 3104, 3105, 3106, 3196, 3573, 2705, 2451, 2793, 3577, 4071, 1166, 3202, 2185, 2614, 3580, 1525, 3442, 825, 2529, 2715, 2952, 1358, 1439, 1528, 2461, 2617, 2954, 3443, 200, 243, 687, 1442, 3203, 3445, 3446, 3334, 509, 3038, 1295, 2466, 3336, 2879, 3688, 355, 4094, 1367, 3591, 1127, 3593, 3690]. **Generator** [3208, 3043, 1840, 4111, 2808, 1636,

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Pseudo-random-number [3229, 2906, 2327]. **Pseudo-Randomness** [2622, 3205, 2810, 448, 1702, 3610, 1567, 3257]. **pseudo-uniform** [1031]. **Pseudo-Zufallszafflen** [1060]. **Pseudo-Zufallszahlen** [440, 473, 643]. **pseudoentropy** [3731]. **pseudoinverses** [1039]. **pseudonoise** [2963]. **Pseudoprime** [3754]. **Pseudorandom** [2437, 2855, 2514, 2856, 3013, 3412, 1905, 3658, 3739, 3923, 853, 2254, 3545, 2343, 3416, 2036, 2157, 3418, 3843, 3554, 3961, 4045, 2939, 3668, 3669, 3424, 3802, 909, 910, 822, 2039, 3185, 1279, 2041, 1161, 1220, 1340, 2606, 2944, 3999, 550, 2702, 2704, 2525, 2174, 3681, 4110, 1723, 1227, 1624, 1625, 1626, 1629, 1726, 1930, 2054, 2057, 2060, 2177, 2273, 2277, 3027, 3199, 2181, 2361, 2062, 2280, 2365, 3031, 767, 2711, 1072, 825, 2459, 864, 2715, 1358, 1439, 1528, 3583, 1530, 1831, 2797, 444, 3584, 3685, 3755, 2465]. **Pseudorandom** [2876, 4093, 3586, 4031, 2620, 2466, 3758, 1834, 1835, 1944, 2372, 2071, 2190, 4094, 3114, 1127, 3690, 1951, 4111, 3762, 1180, 3216, 1848, 2729, 2383, 870, 4051, 1458, 1741, 3601, 2631, 333, 3462, 4127, 3698, 1553, 1746, 1852, 3050, 1749, 3355, 652, 3902, 3608, 3465, 2395, 1557, 1979, 873, 3906, 3907, 521, 522, 654, 655, 874, 3708, 2092, 2093, 2094, 2745, 3059, 453, 2561, 2562, 2902, 1653, 3471, 3776, 4078, 608, 1303, 3711, 3863, 3864, 2751, 3713, 1306, 2222, 798, 799, 3716, 1571, 1876, 1990, 2105, 2106, 2224, 2487, 2658, 2754, 2985, 1573, 1772, 3868, 3481]. **Pseudorandom** [3718, 932, 3138, 2759, 3721, 1141, 1998, 421, 1481, 2118, 1400, 2667, 3498, 1671, 3262, 886, 887, 1102, 888, 2009, 2496, 713, 3083, 2505, 2677, 2423, 1318, 1405, 1591, 1677, 1893, 2135, 3156, 3283, 2139, 2512, 2688, 1151, 496, 3006, 1897, 3291, 3919, 3881, 1687, 913, 2778, 1060, 1408, 2690, 1901, 1607, 3992, 1271, 1413, 1495, 2032, 500, 2341, 2150, 2931, 1496, 1414, 1695, 3741, 3885, 3016, 3546, 3659, 3742, 3800, 994, 2035, 1613, 2938, 3996, 1064, 1065, 1706, 3561, 403, 1809, 3889, 4066, 2699, 3748, 763, 2868, 1924, 471, 2046, 2356, 1714, 1715, 472, 4067, 473]. **pseudorandom** [3318, 2173, 474, 1115, 3680, 4091, 2272, 2526, 914, 1432, 1517, 1627, 1628, 1630, 1631, 1724, 1725, 1727, 1728, 1729, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 2055, 2056, 2058, 2059, 2178, 2179, 2180, 2274, 2276, 2278, 2357, 2358, 2359, 1350, 1352, 2279, 2362, 2706, 1939, 2061, 2182, 2183, 2281, 2363, 590, 591, 322, 3811, 1827, 2528, 1291, 1235, 1292, 1356, 2367, 2368, 863, 3935, 1360]. **pseudorandom** [3813, 2956, 557, 380, 2875, 775, 185, 643, 4006, 2801, 2532, 2802, 3204, 3757, 3850, 3449, 4074, 3338, 3589, 3590, 3815, 2072, 2074, 2291, 2294, 2295, 2374, 480, 2624, 2297, 868, 1445, 1956, 383, 2538, 3044, 416, 828, 1539, 1957, 2195, 357, 2196, 1298, 2964, 1846, 1374, 2200, 2201, 2544, 1456, 4012, 1246, 3225, 1459, 2471, 4095, 601, 602, 1378, 2969, 2084, 3353, 2312, 2210, 1188, 1302, 2642, 1556, 485, 872, 3607, 3972, 3237, 3826, 3903, 4016, 4037, 3238, 1385,

1468, 1755, 2089, 1864, 1984, 1985, 2479, 2559, 2560, 2401, 2403, 2822, 3060, 3129, 1866, 3908, 2824]. **pseudorandom** [3131, 4038, 4116, 1564, 3714, 3364, 1018, 3910, 2223, 659, 879, 1049, 1138, 1256, 1257, 1309, 1391, 1392, 1394, 1476, 1570, 1572, 1769, 1770, 1873, 1989, 2104, 2565, 2566, 2567, 2655, 2656, 2657, 2756, 2986, 3252, 1773, 3479, 3480, 3482, 619, 3782, 3947, 3869, 1665, 527, 2112, 840, 974, 460, 1999, 1142, 1668, 1483, 1097, 1579, 1052, 882, 4102, 3726, 2575, 3142, 709, 2418, 3502, 2237, 2995, 1404, 3505, 3630, 4103, 2996, 627, 989, 3837, 4059, 4083, 4041, 1791, 3383, 1319, 2018, 3003, 1795, 2683, 942, 3731, 3280, 3281]. **pseudorandom** [3522, 2134, 495, 4042, 714, 2247, 1601, 2024, 2140, 2141, 2249, 2430, 2511, 2025, 3007, 3157, 2776, 233, 813, 4087, 1606, 2029, 3570, 3397]. **pseudorandom-number** [2690]. **Pseudorandomness** [3012, 2253, 3425, 3670, 4069, 727, 2716, 2463, 2531, 3970, 3694, 4009, 2539, 2627, 2724, 2629, 2639, 2212, 3467, 2564, 1659, 2685, 4024, 2594, 2156, 2462, 4123, 3976, 3155, 2774, 2147]. **pseudozufallsvektoren** [1362]. **Pseudozufallszahlen** [2173]. **Pseudozufallszahlenfolgen** [625]. **psevdosluchainykh** [352]. **PSI** [1438]. **PSO** [4112]. **PSW** [3754]. **PUB** [1877]. **Public** [2349, 918, 2536, 1991, 2573, 881, 3341, 2471, 3942]. **Public-Key** [918, 2536, 2573]. **Publications** [262, 395]. **Publicly** [3889, 3190]. **Published** [3769]. **PUF** [4090, 4101, 4081, 3951, 3984]. **PUF-TRNG** [4101]. **PUFs** [4022]. **Pulse** [3577, 1844, 680, 3578]. **Pulse-Excited** [3577]. **Pulse/Data** [1844]. **Pulses** [521, 522, 3401]. **punched** [36]. **punctured** [3866]. **Pure** [3944]. **Purpose** [1091]. **Purposes** [4043, 2976]. **PVT** [3507]. **PVT-variation** [3507]. **pW** [3434]. **pyramids** [1473]. **Python** [3822, 3704, 2398, 2399, 4337].

Q.R.N.G. [3541]. **QRNG** [4118, 4108]. **Qs** [3689]. **QTPM** [4125]. **Quadratic** [2054, 2058, 2278, 662, 2109, 1664, 846, 1215, 1628, 1729, 1933, 2055, 2359, 1289, 2279, 1076, 1133, 977]. **Quadrature** [921, 790, 736, 1048, 397, 2533]. **Quality** [2158, 3566, 4110, 1841, 4033, 2725, 3854, 2092, 1100, 3151, 3276, 3006, 3921, 3298, 3417, 1924, 2608, 4007, 1953, 1957, 2195, 4013, 3226, 3349, 1977, 3613, 1984, 610, 2494, 2495, 3383, 2506, 2584, 3007, 3010]. **quanta** [1225]. **Quantendynamik** [11]. **Quantifiers** [3315]. **Quantis** [3730]. **Quantitative** [3169, 743, 4313, 3827]. **quantity** [227]. **Quantum** [3535, 3536, 3654, 2858, 3540, 3560, 3181, 3810, 3442, 3937, 4032, 1637, 3218, 3458, 3699, 3772, 3707, 3909, 4100, 2002, 3624, 3834, 532, 2674, 3146, 3635, 3154, 3401, 4125, 4062, 4113, 3409, 3655, 3426, 3749, 378, 3198, 3752, 3935, 3450, 3452, 2540, 3598, 3217, 11, 4124, 3712, 3778, 3474, 3491, 4102, 3504, 2844, 2581, 3381, 3638, 3388, 4060, 3392, 3732, 3644, 3087, 3399]. **Quantum-Mechanical** [532]. **Quantum-Safe** [4100]. **Quantumlike** [708]. **quark** [4241]. **'quasi** [2609, 908, 586, 3439, 2454, 116, 4112, 4301, 4309, 2817, 2101, 877, 1771, 4251, 4290, 1480, 2231, 1259, 1586, 1886, 1589, 3836, 2011, 2424, 315, 2925, 1322,

466, 1611, 2258, 907, 4314, 3968, 4275, 1363, 221, 222, 324, 1836, 2373, 4247, 2533, 2298, 2299, 2633, 2734, 3460, 2640, 1564, 3979, 4231, 4258, 4280, 2909, 3786, 1674, 2008, 3521, 1685, 497, 1268, 2890, 3227, 99]. **Quasi-** [1480]. **Quasi-Convergent** [315]. **Quasi-Monte** [4301, 4309, 4251, 4290, 1886, 3439, 2454, 2101, 877, 1771, 2231, 1589, 3836, 2424, 2925, 466, 4314, 4275, 4231, 4258, 4280, 907, 1836, 2533, 2734, 3460, 2640, 3979, 2909, 497, 2890, 3227]. **Quasi-Monte-Carlo** [99]. **Quasi-Random** [908, 4112, 1259, 2011, 1322, 586, 116, 1586, 1611, 2258, 3968, 1363, 221, 222, 324, 2373, 4247, 2299, 2633, 1564, 3786, 1674, 2008, 3521, 1685, 1268]. **quasi-white** [2298]. **quasicrystals** [2719]. **Quasigroup** [3130]. **Quasigroups** [3583]. **Quasirandom** [2592, 1336, 2163, 3562, 1233, 2226, 2912, 1788, 3307, 2809, 1384, 1873, 1876, 1887, 2126, 577]. **Quaternion** [3519]. **quatrième** [4134]. **Quebec** [4221, 4273]. **Query** [451]. **Quest** [1359, 3542]. **questions** [85]. **Queue** [996, 1971, 1972, 1028, 2794, 969, 3395]. **Queueing** [1415, 1253]. **Queuing** [1498, 623, 806]. **Quick** [2052]. **QuickCheck** [3977]. **Quickly** [1942]. **Quicksort** [2524]. **Quinary** [931]. **Quincunx** [3489]. **Quintessential** [3489]. **quintic** [3108]. **quotient** [1251]. **quotients** [3680, 1254]. **QX** [4113].

R [2160, 4044, 3805, 2869, 2945, 3231, 3356]. **R16** [810]. **R18** [773]. **R24** [866]. **R52** [1118]. **R53** [1119]. **R57** [1178]. **R58** [1192]. **Rabbit** [3092, 2783]. **Rabin** [1330, 3754]. **Racah** [426]. **Rackoff** [1866]. **Radial** [349]. **Radiation** [339, 11]. **Radical** [324]. **Radical-inverse** [324]. **radio** [499, 483]. **radioactive** [2926]. **Radisson** [4175]. **Radix** [2196]. **Radix-** [2196]. **RAGE** [3139]. **RAGuard** [4026]. **rake** [3340]. **Raleigh** [4211]. **Ralley** [1089]. **Ramage** [2922]. **Raman** [3560, 3810]. **RAMs** [3335]. **Ramsey** [2426]. **RAN1** [2255, 2341]. **Rand** [1311, 71, 89, 3285, 1377, 1790, 2012]. **RandNLA** [3894]. **Random** [3535, 3536, 3654, 1407, 1688, 3410, 1269, 1328, 498, 815, 1155, 1411, 2339, 1156, 3537, 580, 400, 293, 4088, 2145, 2251, 3795, 1493, 1692, 1211, 103, 108, 109, 110, 111, 123, 124, 125, 126, 896, 993, 2515, 2858, 3540, 3796, 3797, 3739, 3993, 4044, 543, 756, 757, 818, 898, 899, 900, 901, 948, 3164, 3884, 1332, 3924, 2595, 2693, 12, 3168, 2151, 2344, 3169, 2781, 2934, 2597, 3017, 3925, 3926, 295, 267, 350, 2155, 3416, 3417, 4126, 3548, 2860, 3094, 3549, 3661, 758, 1334, 3550, 402, 501, 583, 1500, 436, 2257, 2438, 180, 820, 951]. **Random** [1612, 1699, 2158, 2259, 2348, 2440, 2159, 1501, 1157, 906, 1418, 545, 3845, 2349, 3801, 1030, 1106, 1213, 3556, 181, 237, 3423, 1421, 3558, 2350, 2695, 2351, 2784, 2865, 3020, 3178, 908, 319, 1423, 1109, 2866, 3559, 2164, 2165, 1807, 3180, 1505, 3560, 239, 240, 503, 1424, 1911, 2940, 1708, 1709, 2262, 1506, 855, 183, 3670, 761, 404, 762, 3563, 1217, 587, 3428, 4089, 2444, 2601, 3186, 3306, 3430, 3672, 4065, 4107, 2353, 3431, 3565, 3432, 3673, 377, 2602, 3674, 320, 2043, 2445, 1281, 1219, 1615, 2263, 2354, 2446, 3675, 3310, 1282, 3189, 1920, 241, 216, 405, 470]. **Random** [3101, 549, 2787, 1284, 1342, 2266, 2267, 1713, 2047, 953, 1510, 1926, 1221, 1508, 2049, 2869, 2945, 1345, 1716, 1927, 2523, 3195, 3677, 3848,

3967, 4046, 4121, 3433, 1112, 1222, 1223, 1429, 1620, 1621, 1720, 1814, 2170, 2270, 2789, 3024, 3317, 3807, 4047, 4109, 1285, 2790, 552, 637, 30, 2171, 271, 2172, 2947, 4068, 3104, 3105, 3106, 3196, 3321, 3573, 724, 1070, 1163, 1347, 2051, 2705, 1623, 2449, 1348, 2052, 2175, 2176, 1515, 1226, 1431, 1349, 1723, 2450, 2360, 3810, 2451, 2452, 2793, 3575, 3577, 4071, 3201, 1520, 2366, 3028, 4048, 1166, 1117, 1118, 1119, 2709]. **Random** [3029, 3202, 3030, 2710, 298, 3684, 1037, 1120, 1523, 1435, 379, 3579, 3849, 2615, 441, 4004, 300, 351, 726, 555, 1123, 861, 1525, 507, 1437, 1526, 3441, 3442, 49, 1940, 1124, 275, 1828, 2714, 597, 323, 410, 865, 2952, 1527, 2370, 2795, 3330, 303, 827, 1357, 3035, 4092, 3582, 770, 1735, 772, 773, 1172, 1237, 1531, 3443, 2798, 641, 686, 4005, 4030, 4072, 2288, 200, 243, 244, 144, 687, 446, 3585, 3756, 1125, 1442, 3203, 3445, 3446, 3334, 644, 414, 509, 2371, 2621, 3038, 1295, 3336, 65, 66, 74, 3688, 325, 354, 355, 3759, 558, 688, 3039, 381]. **Random** [3113, 3206, 3852, 1367, 3591, 598, 917, 778, 2293, 4247, 2296, 1738, 2623, 1444, 2077, 245, 1838, 1949, 1950, 3593, 3853, 3761, 866, 4049, 2379, 3342, 3208, 3043, 3450, 1840, 1841, 1954, 2882, 3693, 3451, 3210, 3819, 4075, 279, 327, 4032, 599, 202, 1079, 2808, 154, 1538, 1636, 1370, 356, 4033, 2725, 329, 330, 384, 2726, 2727, 2883, 3854, 155, 2197, 2728, 3454, 2468, 118, 2543, 1082, 1372, 3695, 3696, 517, 4112, 1544, 1639, 2381, 1964, 3220, 3820, 1083, 2965, 1455, 1545, 869, 1546, 1640, 2202, 2966, 1849, 3766, 3222, 2630, 780, 829, 871, 1549, 733, 923, 1375]. **Random** [1742, 3600, 2469, 225, 518, 648, 1744, 1461, 1550, 3822, 2303, 1551, 561, 649, 1013, 1130, 482, 3048, 1247, 1300, 1554, 1645, 1748, 2208, 2307, 2311, 2388, 2390, 2391, 2392, 2394, 2474, 2475, 2547, 2635, 2636, 2637, 2638, 2735, 2736, 2889, 2890, 3052, 3054, 3124, 3126, 3227, 3351, 3603, 3604, 3700, 3824, 3856, 3941, 4035, 4053, 3699, 831, 1016, 3823, 3899, 3350, 1853, 1084, 1747, 650, 925, 1855, 3228, 3354, 2086, 1186, 3230, 4014, 3232, 1750, 1751, 2737, 3357, 2645, 3234, 3235, 3705, 2977, 3974, 3825, 249, 2648, 3771, 2815, 385, 4115, 695, 2396, 2484, 3772, 2817, 309, 359, 1558]. **Random** [1386, 2088, 3905, 2397, 3706, 3707, 2214, 3615, 97, 254, 280, 281, 282, 312, 338, 341, 451, 452, 524, 562, 696, 697, 792, 793, 972, 1085, 1086, 1189, 1191, 1470, 1651, 1860, 1861, 1862, 1863, 2090, 2091, 2478, 2556, 2819, 2898, 387, 607, 3710, 2216, 3243, 2218, 1654, 2746, 2749, 4099, 1655, 1472, 1192, 1475, 1048, 1563, 2097, 795, 2220, 390, 2098, 2750, 835, 1867, 563, 1137, 1304, 3618, 3828, 2099, 1193, 1305, 1389, 3133, 2406, 131, 418, 187, 458, 1089, 4079, 3248, 526, 391, 3362, 2827, 2569, 2659, 2757, 3717, 3911, 3134, 611]. **Random** [740, 875, 2486, 419, 2318, 3475, 3476, 658, 2653, 2654, 1871, 2103, 3251, 616, 877, 1771, 1875, 3945, 1774, 2320, 973, 2228, 3367, 344, 1575, 662, 1662, 3255, 206, 701, 4100, 931, 2570, 2910, 3484, 1397, 3485, 3720, 2411, 2110, 839, 1, 4054, 1197, 1478, 1777, 3139, 1994, 1091, 1666, 2488, 975, 2230, 3371, 2835, 1996, 2115, 1198, 362, 392, 459, 1997, 1092, 744, 366, 528, 1480, 1781, 4056, 4019, 3491, 3623, 3722, 148, 393, 2665, 704, 529, 3872, 3913, 622, 706, 2002, 2912, 530, 842, 3373, 1782, 55, 57, 2838, 262, 2004, 1053, 3494, 3495, 3496, 3497]. **Random** [1098, 369, 2120, 229, 3259, 1581, 936, 1020, 806, 1582, 2667, 3498,

3261, 4057, 1881, 2492, 3784, 3499, 3500, 3727, 2993, 2121, 3983, 3834, 1259, 3375, 3376, 1583, 710, 1100, 1202, 531, 370, 287, 2493, 2669, 2841, 984, 985, 1022, 1054, 1101, 532, 2917, 3264, 748, 626, 938, 3079, 207, 422, 423, 1587, 3143, 1203, 372, 749, 2419, 1588, 2125, 3506, 3081, 988, 2240, 535, 572, 2997, 463, 1887, 2498, 629, 425, 2501, 2503, 630, 890, 1262, 2011, 149, 395, 396, 536, 3379, 3507, 891, 1316, 208, 347, 537, 3269, 427, 2331, 538, 3147]. **Random** [2582, 3637, 631, 3148, 3951, 3984, 2678, 848, 892, 893, 990, 2332, 2333, 2422, 2680, 3270, 3271, 2921, 136, 374, 3385, 3002, 1485, 1486, 2019, 3273, 3386, 1147, 3151, 3274, 3515, 3878, 1593, 9, 107, 210, 3276, 3517, 168, 3389, 3390, 2923, 575, 670, 1056, 1595, 2426, 2851, 315, 3154, 1678, 3391, 3278, 3279, 1679, 2245, 2246, 3393, 1057, 3519, 1103, 428, 2135, 2854, 1150, 1206, 1322, 3642, 539, 540, 1598, 2585, 1207, 3396, 1681, 851, 716, 809, 1682, 944, 2248, 3398, 1323, 2510, 3400, 3648, 429, 430, 894, 1058, 1152, 1324, 1799, 3524, 3287, 753]. **Random** [812, 70, 3288, 3402, 2434, 1265, 1801, 1604, 2336, 266, 946, 2689, 431, 3792, 3403, 3527, 3651, 3735, 3404, 1490, 1686, 3293, 3529, 852, 3407, 1267, 4062, 3408, 2588, 2436, 3892, 407, 3435, 943, 3409, 3794, 3991, 2589, 432, 1154, 1209, 1325, 1326, 1327, 1491, 3737, 2590, 2591, 3883, 633, 634, 1410, 316, 1412, 816, 718, 3411, 4105, 1270, 3956, 3161, 3162, 1902, 1492, 1331, 1690, 3163, 817, 3538, 3539, 1608, 1691, 3840, 755, 1272, 1802, 2146, 499, 3738, 2033, 2148, 3958, 3658, 1693, 1497, 902, 1027, 1694, 3296, 3297, 434, 435, 4028, 2342, 903, 904, 3167]. **random** [3544, 1906, 1696, 2255, 1333, 2932, 2345, 3798, 3842, 4106, 4029, 3547, 3743, 3744, 3799, 1273, 1907, 2153, 1061, 1062, 3093, 3660, 3415, 150, 3298, 582, 3170, 2598, 2599, 3886, 1499, 1610, 1697, 467, 676, 2782, 3551, 3171, 318, 2935, 2936, 3746, 3747, 1698, 3172, 1417, 2937, 1611, 2258, 2439, 3664, 3665, 3928, 3960, 854, 1502, 719, 584, 2160, 3844, 1503, 2863, 3299, 3300, 3421, 1419, 3422, 502, 2161, 3176, 3177, 3301, 3302, 1158, 759, 235, 3557, 821, 194, 1908, 1214, 2037, 182, 4119, 1504, 238, 678, 1703, 2696, 3021, 3097, 1705, 1108, 585, 71, 89, 952]. **random** [1215, 3098, 3803, 2442, 3179, 2785, 635, 911, 1707, 104, 3303, 3846, 195, 1216, 504, 586, 3929, 2600, 1278, 1614, 1914, 3427, 1425, 722, 547, 679, 1068, 3184, 3305, 3564, 3804, 3805, 3099, 1917, 1918, 3187, 1280, 3188, 37, 4120, 3998, 3847, 214, 215, 3566, 1919, 2168, 548, 680, 3311, 681, 1711, 1283, 1617, 2044, 2264, 3190, 2447, 2045, 2169, 2265, 2355, 2521, 3023, 1031, 406, 3806, 3312, 3313, 3567, 1341, 1426, 1507, 1427, 3314, 3568, 1343, 217, 297, 1344, 1511, 1512, 1813, 3315, 3434, 997, 1428, 1509, 1032, 3569, 1618, 1619, 1717, 1718, 2703, 2788, 2870, 3749]. **random** [3931, 1346, 3571, 998, 999, 1033, 1069, 1111, 1113, 1114, 1224, 1719, 1815, 1928, 636, 1000, 440, 551, 588, 684, 43, 3750, 3319, 1622, 3103, 1514, 3320, 3436, 4001, 408, 3751, 1002, 1817, 113, 3438, 3107, 1430, 2791, 378, 2271, 1035, 3198, 3108, 218, 3322, 685, 1433, 2275, 1228, 1288, 1351, 3574, 589, 2949, 2792, 2453, 2607, 2608, 1071, 3576, 3968, 3200, 2872, 1434, 2951, 4003, 2455, 153, 1290, 2873, 725, 1167, 2184, 2456, 2457, 2458, 2611, 1732, 3578, 141, 1168, 1522, 2185, 2613, 1826, 1230, 1231, 1353, 242, 2064, 1232, 3934, 48, 60].

random [91, 92, 594, 595, 273, 184, 274, 1122, 768, 1234, 728, 3812, 769, 1074, 1355, 1039, 3032, 3753, 826, 2460, 2529, 1005, 2616, 3935, 116, 142, 2717, 771, 199, 219, 2464, 174, 477, 915, 960, 3037, 1173, 413, 2799, 3444, 2800, 1736, 1532, 1832, 445, 1293, 774, 776, 1008, 478, 1238, 1294, 1362, 83, 93, 479, 777, 2619, 3332, 3333, 1363, 3447, 3895, 2067, 2189, 3448, 3335, 1533, 3687, 221, 222, 324, 1443, 75, 1126, 2069, 2070, 3936, 3588, 689, 4007, 1945, 3115, 3340, 961, 3592, 2373, 2376, 1076, 1948, 2075, 3937, 382, 1534, 919]. **random** [2805, 2961, 3760, 779, 305, 690, 1952, 1078, 2963, 1535, 1839, 1842, 1953, 2535, 2807, 3817, 1446, 67, 76, 3692, 1240, 3818, 3209, 2626, 3344, 4050, 1241, 1635, 3595, 224, 3596, 1009, 3764, 1448, 1449, 1739, 2537, 3211, 1242, 2467, 1740, 1537, 2380, 3452, 2299, 2513, 1080, 2540, 4034, 3598, 1958, 3453, 1181, 331, 964, 3214, 3345, 3119, 1297, 84, 1182, 21, 1243, 95, 1128, 2198, 1452, 1453, 2964, 3456, 3346, 1454, 2199, 2300, 2301, 2382, 3599, 1010, 1963, 1965, 1042, 2302, 3217, 3218, 3219, 3347, 3221, 1011, 732, 26, 31, 32, 1457, 2885, 4011, 4052, 781, 332, 922]. **random** [1012, 1245, 2886, 481, 2384, 358, 783, 1641, 307, 2386, 4013, 1642, 1460, 2967, 3821, 2471, 4139, 924, 1014, 1043, 248, 3938, 2730, 3121, 2968, 3049, 3122, 785, 1131, 830, 4096, 3458, 1381, 1646, 1854, 1973, 2204, 2209, 2306, 2308, 2309, 2310, 2389, 2393, 2633, 2634, 2733, 2887, 2970, 2971, 3123, 3125, 3768, 3940, 3348, 1015, 4076, 1185, 3459, 1132, 3226, 3349, 2472, 1968, 1969, 786, 483, 2891, 2893, 3056, 3229, 1974, 3857, 3701, 2641, 2552, 651, 2644, 2813, 3356, 3605, 2974, 3606, 3704, 4114, 2646, 3770, 1466, 2978, 4077, 1857, 520, 3463, 3128, 3464, 3609, 3612, 1753, 3858, 3904, 2816, 2979]. **random** [1249, 3466, 1250, 1647, 2213, 1977, 158, 3468, 335, 603, 18, 2740, 1648, 1649, 1756, 1859, 1980, 653, 1251, 3614, 3773, 3861, 3862, 251, 2554, 3358, 3359, 417, 3708, 226, 252, 253, 255, 283, 311, 337, 386, 449, 450, 487, 523, 656, 1134, 1190, 1559, 1560, 1561, 1650, 1757, 1981, 1983, 2315, 2399, 2558, 2741, 2820, 3058, 3469, 388, 1471, 2743, 3240, 3774, 4017, 3616, 3241, 3709, 3775, 3827, 1865, 2402, 2095, 2096, 2480, 77, 1562, 1760, 3245, 2404, 284, 698, 737, 1017, 3617, 2825, 2906, 1762, 160, 1047, 130, 490, 1657, 2219]. **random** [796, 456, 457, 834, 2405, 3132, 3712, 3778, 797, 1564, 3361, 610, 738, 1088, 3472, 2651, 926, 2100, 927, 61, 313, 3866, 836, 3063, 3781, 2485, 1765, 3473, 837, 2652, 28, 3363, 612, 3474, 2317, 3064, 3715, 614, 1307, 1766, 1872, 2223, 2829, 564, 565, 699, 801, 802, 803, 838, 878, 1195, 1569, 1661, 929, 930, 3477, 3254, 618, 3830, 2321, 3368, 3478, 2908, 663, 1576, 880, 3783, 420, 2322, 227, 3136, 2987, 3483, 1396, 2229, 361, 1139, 1663, 2758, 3370, 2410, 1578, 492, 1477, 1140, 162, 493, 258, 1090, 45, 2662, 1775, 3487, 1399]. **random** [1050, 3256, 3981, 2413, 2571, 2489, 2113, 567, 3621, 1312, 363, 365, 2324, 3488, 666, 804, 3070, 667, 703, 345, 3949, 1141, 228, 2664, 621, 2572, 3490, 1880, 2000, 2001, 260, 623, 368, 1199, 843, 624, 3624, 188, 2414, 3724, 2415, 1482, 976, 977, 189, 3374, 3982, 3072, 1096, 569, 935, 1402, 844, 3873, 46, 3074, 805, 2491, 134, 3140, 2913, 1670, 937, 979, 1201, 2574, 883, 1099, 707, 3626, 1314, 980, 3876, 3914, 3915, 3877, 3077, 669, 1021, 747, 711, 625, 2123, 1784, 533, 534, 570, 1585, 712, 1145, 2994, 3786, 135, 1883, 3728, 191, 494, 371]. **random** [3627, 3628, 1403, 1484, 1586, 1674, 1786, 2124, 2238, 2239, 2918, 3787, 2842,

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(print), 1558-1586 (electronic). URL `http://www.informaworld.com/smpp/content~content=a741902650~db=all~order=page`. keystream sequences; linear feedback shift registers; multiplexor; consistency check; observed keystream; address information.

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variables. *Fibonacci Quarterly*, 28(4):321–333, November 1990. CODEN FIBQAU. ISSN 0015-0517. URL `http://www.fq.math.ca/Scanned/28-4/koutras.pdf`.

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Interfaces, 20(3):49–59, 1990. CODEN INFAC4. ISSN 0092-2102 (print), 1526-551X (electronic).

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[1563] Silvio Micali and Claus-Peter Schnorr. Efficient, perfect random number generators. In Goldwasser [4195], pages 173–198. CODEN LNCSD9. ISBN 0-387-97196-3 (USA). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.9.A25 C79 1988. URL `http://link.springer-ny.com/link/service/series/0558/tocs/t0403.htm; http://www.springerlink.com/openurl.asp?genre=issue&issn=0302-9743&volume=403`.

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(print), 1088-6842 (electronic). URL `http://www.jstor.org/stable/pdfplus/2008806.pdf`.

Mitchell:1990:NKG

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