A Bibliography of Publications in *Information Processing Letters*: 1970–1979

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26 April 2024
Version 3.14

Title word cross-reference

#10015 [Day80a].

0 [RV79]. 1 [Gab76b, RV79]. 103 [Sch78]. 14 [Nos74]. 2 [Bro79c, Yao79b]. 21/2 [Kar73]. 3 [Bro79c, CM75]. 3NF [JF82]. 5×5 [Sch78]. 68 [LLW79]. 9 [Nos74]. ^{1,5} [Bud79]. B [Sam76]. c^n [Rob79]. d [SF79]. F [Müh79]. G [Rou73]. H [Rou73]. K [RW76, Roz76b, Yuv75, Zak82, Pet80b, SF79, Szw79]. L [Bui77, Bui79, Day80a, Ruo75]. LL(1) [FTM79]. $\max(m, n)$ [Rou73]. N [Pen75, Bha80, Gab76b, IMR80, Man76b, Urb80]. n^2 [Cor71]. $N^{2.81}$ [Yuv76a]. $n \times n$ [BCRL79]. ν [Cul78]. $O(k^2 \log n)$ [Pet80b]. $O(k^3 \log n)$ [Pet80b]. $O(\log n)$ [Sha79, Sho78, Urb80]. $O(N)$ [HG77]. $O(n^{2.7799})$ [BCRL79]. $O(n \log n)$ [Röh82]. $O(V^3)$ [MKM78]. $O(|E|) \log \log |V|$ [Yao75a, Yao75b]. ω [Fey76]. $\Omega((n/\lg n)^{1/2})$ [RV79]. $\Omega(n \log n)$ [Avi80, van80]. P [DLR79, CL80]. QY [Mak79]. S [Day80b]. T [DKZ77]. $\theta(\log \log N)$ [Fra79b]. V^2 [HT71]. $Y^T Q$ [Mak79].

-ary [Zak82]. **-connected** [Gab76b]. **-cube** [Bha80]. **-dimensional** [Yuv75]. **-Events** [Fey76]. **-factors** [Gab76b, Müh79]. **-Grammars** [Pen75]. **-isomorphism** [Yao79b]. **-iteration** [RW76, Roz76b]. **-Local** [Cul78]. **-matroid** [CM75]. **-modes** [LLW79]. **-polynomial** [DKZ77]. **-Reconstructability** [Man76b]. **-stability** [Day80b]. **-stable** [Bui79, Day80a, Bui77]. **-Trees** [Sam76].

0L [Roz72a].

1 [Han74]. **10** [Avi80, Hel81, Llo80a, Mei81, vW80a]. **11** [Mor81]. **12** [Bin82, Bv82, Kri82]. **13** [NI80]. **14** [Kuč83, Tar86, YWL85].

56 [Day80a].

6 [Day80a]. **68** [Bak72, BCDL72, Mee76].

7 [Fou79, Gon79, Ov80, Yuv79].

8 [APT82]. **80b** [APT82, Fou79, Ov80]. **80e** [NI80]. **81a** [CM80, Llo80a, vW80a]. **81k** [Mor81]. **82d** [Bv82]. **82i** [Bin82]. **82j** [Kri82]. **83g** [Kuč83, YWL85].

9 [And80, CM80].

A. [Ov80]. **Aanderaa** [Ill78]. **Aanderaa-Rosenberg** [Ill78]. **absence** [CM79a]. **Abstract** [Arn74, FHMS79, Ber78]. **acceptors** [IT79a, NI80, SK77]. **access** [BN78a, BN78b, DD76b, GR76, HB77, Kuč82, Kuč83]. **Accessing** [Gun82]. **Acquisition** [Bra72]. **adaptive** [Jav77]. **Addendum** [AT79, Bro79b, Gra77b, Kuč83]. **adder** [Joh80]. **Addition** [RK75b, RK75a, CRT79, CRM75a, CRM75b, Gra80, Hug78]. **additions** [RV79]. **additive** [HV75, Krá72a, Krá72b]. **Address** [Fis74]. **Address-Order** [Fis74]. **advancement** [Jav77]. **AFL** [Boa73]. **aggregates** [FHMS79]. **AL1** [Bra78]. **algebra** [Par78]. **Algebraic** [MI73, BM82, Boa73, CE78, DL78a, Dem82, Lau80, SS77, Win77, Win78]. **algebras** [BC79]. **ALGOL** [Bak72, BCDL72, LLW79, Mee76]. **Algorithm** [AKS78, And78, CM77, DR76, GS87, HG77, KJ78, MA80, RE79, Roh78, AT78b, AT78a, AT79, Akl79, And79, And80, AS78b, APT79, APT82, BY76, Bin82, CL80, Che78, CS77, CLW80b, Cla75, CGH75, CRT79, Cor71, Der80, Dew74, Dye80, FH79, FZ82, GT78, Gav75, GR77, Gra72, Han76a, Han76b, Han78, Han76c, HT71, Hue78, Ita79a, Jav77, Jon79, Jov74, KHTY78, KST82, Knu77, KP72, Kun76, LD80, Loi80, MKM78, MA79, MV74, NMM78, Ov80, PS80, PS81, Pet80b, Rei78, Rob73, RF73, Rou73, Sam78, ST79, Sch78, Shi79b, Ste75, Tar74a, Tar74c, Tar82b, Tsa81, Urb80, WS82, Yao75a, Yao75b, Yuv76a]. **Algorithms** [AS78a, Cof73, Coh75, Dwy73, Gal76, GIG77, GI79, NM82, AR80, Ber82, BMT79, Bła77, Fre80, HN79, Ko82, Kob74, MH79, Mit79, ST77, Sik72]. **Aliasing** [Sch79]. **allocation** [Gel71, Han76c, Kro73, Rob80]. **almost** [BY76]. **Alphabetic** [Wes76]. **alphanumeric** [SRK78]. **Alternate** [Red77]. **alternating** [RS77]. **ambiguity** [Tak74]. **Ambiguous** [Tar82a]. **among** [Sch79]. **Analysis** [BS75, CM77, HWH76, IT76, MA80, SF79, Tsu78, Vik79, Yao80, CFG72, Fre80, OO72, Tar82c, Tar86]. **Analyzers** [KŁ76]. **anomaly** [Lam76, LT75, Tri76]. **APL** [EPS82]. **Applicable** [Reu76]. **Application** [de 78, Akl78, HN79, Man76a, PD79, Sta71]. **applications** [Bar73, DD76b, DKP77]. **Applying** [Bof73]. **approach** [Cza78a, MN72, PL79]. **approximate** [BCRL79]. **approximates** [MZ79]. **Approximating** [MG73]. **approximation** [CS77]. **approximative** [Noz79]. **April** [Avi80]. **Arc** [BB79]. **ARCADE** [BKH78]. **Architecture** [LR80, BKH78]. **Area** [PV80, Bre80]. **Area-Time** [PV80]. **areas** [DD76b]. **Arithmetic** [Cho82, Bar76, PM75, Sha79, Sho78]. **arrangement** [ten80]. **Arrangements** [KS74a, KS74b]. **Array** [RM73, Wan76a, Wan76b]. **ary** [Zak82]. **Ascending** [BWF+79]. **assertional** [Bra78]. **assigning** [Mee76]. **assignment**

[AR79, AR80, Set73]. **assisted** [DDM+75, LC76]. **associated** [Pău79]. **Associative** [Min73, Ore82, Tes79]. **assure** [FL82]. **Asymptotic** [Dob82, Gon78, Gon79]. **attack** [Hel81]. **Attribute** [GW78, RB82]. **Author** [Dob78a]. **authorization** [PP80]. **Automata** [ITN78, RM73, UMS82, Iba74, IT80, Jon77, Kin80, NI80, Rei79a, Tza72b]. **Automatic** [CFG72, CK77, KŁ76, Gin82]. **Auxiliary** [Dwy73, Rob73, Sik72]. **Average** [SF79, Chr72]. **avoidance** [Cel79]. **avoiding** [DL78b, KF71a, KF71b]. **Axiomatic** [Sou79].

B [Bv82]. **backtrack** [HN79]. **backtracking** [All78]. **Balanced** [SF79, Bay72, Bro78, Bro79b]. **bandwidth** [Rob75]. **Base** [BB76b, Gra77a, FG79]. **based** [Lei80]. **Bases** [van79b]. **basic** [Wha72]. **basis** [Hue78]. **Batch** [Lyo79, Wil80a]. **batching** [LM78, Wil80a]. **be** [Kei75]. **behavior** [Dob82]. **behaviors** [NMM78]. **Behaviour** [Tsu78, Win77, Win78]. **between** [ER79a, Gav77, MC80, Rot75, Ruo75, SS77, VL79]. **bilinear** [Ber82]. **bilinearity** [Pro76]. **bin** [Fre80]. **Binary** [Ada73, Lei79, MOS76, Min73, NPWY72, Van79a, Bre80, Cla75, Han76a, Han76b, HR76, KM79, Kor82, LS82, Mor79b, Rob73, Rot75]. **binding** [Pri79]. **Bini** [Tsa81]. **Binomial** [Ram77]. **bipartite** [Gab76a]. **Bisection** [RE79]. **bit** [Jak78, Jak82, Teu78]. **bit-vector** [Jak78, Jak82]. **bit-vectors** [Teu78]. **Bits** [Lin73]. **BL** [Bro80a]. **Boas** [Avi80]. **Bodies** [HM73]. **Boolean** [APT82, PS81, APT79, PS80]. **bottom** [IT79a]. **bottom-up** [IT79a]. **Bound** [Hir78, PS78, Avi80, Ban80, Bro80a, FL82, Kun73, Nie75b, Ple79, RV79, TW73, van80, vS74]. **Boundary** [HM73, MG73, Han76c, MN72]. **boundary-tag** [Han76c]. **Bounded** [Fis74, Wei75, Iba74, LR74, Vel79]. **bounded-reversal** [Iba74]. **Bounds** [CM75, Leu79, Llo80b, NPWY72, BC79, BMS80, Gab76b, Llo80a, Sel78, vW80a]. **Boyce** [KM80, Osb79]. **Boyce-Codd** [KM80, Osb79]. **Bracket** [Meh76]. **Bracket-languages** [Meh76]. **branch** [Bro72, TW73]. **branch-and-bound** [TW73]. **branching** [Shi79a, Tar74a]. **bridges** [Cor71, Tar74b]. **Bubble** [Dob80, CLW80a, CLW80b]. **Buffer** [AL75, CHCP74, Vik79, Dij72]. **buffered** [RV77]. **buffering** [Tza72a]. **Bui** [Day80a]. **Burton** [Dob78a]. **Bykat** [Ov80].

Cahit [BL78]. **calculate** [Sho78]. **calculation** [Ste75]. **calculus** [Mer78]. **Can** [FW79b]. **Candidate** [Dem78, YJ76]. **canonical** [CPR71, Hug78, Sam78]. **capacity** [Pău78]. **Cardinality** [Hos75, Kan80]. **Carlo** [Ber82]. **cascade** [Han76a, Han76b]. **Case** [SF79, Fra77, Röh82]. **categorical** [Kar71]. **category** [WS82]. **catenative** [Kob77]. **Catenativity** [Cul78]. **Cellular** [UMS82]. **centroid** [KA75]. **Certain** [GTY78, APT79, APT82, Bar73, CK77, Mis79, Rot75]. **chain** [MT75]. **Characterization** [Cza80, Kob77, Win77, Win78]. **Characterize** [DS78]. **Characterizing** [Vel79]. **cheaply** [Mor79b]. **check** [AT78a, AT79]. **Checking** [Gun82, Ita79a, Shi79b, Val76]. **choosing** [War73]. **chordality** [Gav75]. **chromatic** [Law76, RF73]. **cigarette** [Red77]. **circuits** [DZ71, ZD71]. **Circular** [BB79, FW79b, Boo80, Ita79a, Shi79b]. **Circular-Arc** [BB79]. **clarification** [VL79]. **Class** [CRM78, FS73b, MI73, AM77, CK77, CRM75a, CRM75b, Kit77]. **classification** [Sol72]. **clique** [Nie75b, Sel78]. **cliques** [BB76a]. **closest** [Dye80]. **Closure** [Cof73, Boa73, Han76a, Han76b, IT79b, Mun71]. **cluster** [OO72]. **clustered** [Teu78]. **clustering** [Tar82b]. **Codd** [KM80, Osb79].

Code [Han80, Ban77, WB79, Kay76]. **codes** [Kri82, MR81, Vel79]. **Coding** [HG77, Jak78, SRK78]. **coefficient** [Ste75]. **coefficients** [Ram77]. **coercions** [Ban77]. **Colbourn** [CM80]. **Collecting** [FW76a, FW77]. **Collection** [Fis74, Cam74, Hoa74]. **collector** [Zav75]. **collectors** [TG78]. **colored** [Pet80a]. **coloring** [LM78, MH79, RF73]. **colouring** [Wil80a]. **combinatorial** [CK77, PD79]. **combined** [ST79]. **Comments** [Akl78, AJV86, Avi80, Boc76, Bur78, Day80a, DS79, FK79, Fou79, Lam76, Wür77, Dob78a, Ov80]. **Common** [Hir78]. **communicating** [CM79a]. **communication** [Hel81, LM80b, Mei81]. **communications** [CRT79]. **Commutation** [DS78]. **commutative** [Mak79]. **commutatively** [Kri82, MR81]. **Commutativity** [Pro76]. **compactifying** [TG78]. **compacting** [Zav75]. **compaction** [Jon79]. **Compactness** [FS73b]. **Comparison** [Laz75, Bar73, Ruo75, Tsi71, War73, VL79]. **comparisons** [Nos74, War73]. **Compilation** [GW78]. **Compile** [Gun82, Han74]. **Compiler** [Arn74, KŁ76]. **Compiler-Compiler** [KŁ76]. **compilers** [Tur77]. **complement** [Ban80, Rob79]. **Complete** [Lev75, Wil77, ER79a, HR76, Lip77, NMM78, OO72, SG79, Van75, Yao79b]. **completeness** [Mat77b, Ple79]. **completion** [Kun76]. **complex** [vT72]. **Complexity** [BMS80, Cof73, GI79, JKS79, Pea75, Akl78, Ban80, BSW77, Bha80, BCRL79, BC79, CE78, Col79, CM80, DV76, HV75, IMR80, Joh80, JF82, Kan80, Kun73, Law76, Man76a, Noz79, Oul79, PR77, Röh82, Val76, YJ76, de 75]. **Components** [NM82, Arj76, Che78, Tar74c, Tar82b]. **compression** [Jak78, Jak82, Teu78]. **Compromising** [van79b]. **Computation** [Arn74, DM79, Ers77, Kuč82, Kuč83, Zuc77]. **computational** [Dei74, Kan80, Sch82]. **Computations** [Pea75, DS80]. **compute** [Mak79, RV79]. **Computer** [Her73, Sri74, Sri75, BKH78, DDM+75, LC76, Ste75, Tza72a]. **computer-assisted** [DDM+75]. **Computer-Constructors** [Her73]. **computers** [PD79]. **Computing** [Cof73, GL80, Val80, Abe79, AR80, IMR80, Pet80b, Urb80]. **concerning** [CKH79, Yao79a]. **Concurrent** [Bro80b, Chr76, HB77, Bes79, Han75]. **Conditional** [DL73, KM79, Sam78]. **conditionals** [Red77]. **Conditions** [MG73, Wil77]. **configurations** [Wil80b, vS74]. **conflicts** [Kuč82, Kuč83]. **conjecture** [Ill78, Yao79a]. **Connected** [NM82, Arj76, Che78, Gab76b, Yuv73]. **conquer** [BS78]. **Consecutive** [EL76, LP76, ten80, Lip77]. **conservation** [Hoa73]. **consistency** [FL82]. **Consistent** [MI73]. **constants** [GM79]. **constrained** [Gab76a]. **Constraints** [LF76, Bła79, Kan80, Leu79, Sło79]. **Constructing** [HR76]. **Construction** [Chr76, Ang79]. **Constructors** [Her73]. **consumer** [Wür77]. **Containment** [FG78]. **content** [CFG72]. **Context** [FG78, Sli82, AM77, BN78a, BN78b, BCDL72, CMM73, Jaf78, Lin76, Man76b, MR71, Roz72a, Roz76a, Sok78, Tak74, Ukk79, Weg75]. **Context-Free** [FG78, Sli82, AM77, BCDL72, Jaf78, Lin76, Man76b, Roz72a, Sok78, Tak74, Ukk79]. **continued** [Akr79]. **continuous** [Abe79]. **contractable** [SY72]. **Control** [DT75, CKH79, DD76b, DL78b, Kru79]. **Convergence** [MG73]. **conversion** [Coh73]. **Convertibility** [ter80]. **Convex** [And78, Byk78, GS87, Jar73, KJ78, AT78b, Akl79, And79, And80, Avi80, Bro79a, DS79, Dev80, FK79, Fou79, Gra72, LP78, MA79, Ov80, YL79, van80]. **Copying** [ES76, Cla75]. **coroutine** [Han76c, Pri76]. **correcting** [SRK78]. **correction** [Che78, CM80, Kra80]. **correctness** [Bra78, DY75, Sou79, Upf82].

correspondence [Rot75]. **Corrigendum** [And80, Tar86, Yuv79]. **Cost** [Mid74, Sło79]. **Cost-minimal** [Sło79]. **Cost-Oriented** [Mid74]. **costs** [JS80]. **Counter** [GW78, Boa73]. **Counter-One-Pass** [GW78]. **counterexample** [Ill78]. **Counters** [Wei75]. **Counting** [CRM78, FW79b, Jaf78, BMT79, Mat79]. **Covering** [BB79, Osb79, Gav77, KM80, Ukk79]. **covers** [Mou80]. **CR** [SBS79]. **Creates** [FW76b, FW79a]. **Critical** [KL78, KM79, Wha72]. **Crossvalidation** [Chr75]. **cryptanalytic** [Hel81]. **Cryptography** [CM79b]. **cryptosystem** [Hel81, LM80b, Mei81]. **cube** [Bha80]. **Cubic** [Wil80b]. **Cycle** [KL78, Loi80, Ple79]. **cycles** [Jov74]. **cyclic** [IT79b, RV77, ten80]. **Cyclomatic** [Oul79].

D [Bv82, Day80a]. **D.P.** [Dob79]. **D0L** [Cul78, LR74, Lin76, Ruo79]. **D0L-ness** [Lin76]. **D0S** [ER80]. **Data** [BB76b, Bra72, FW76b, FW79a, Gra77a, Loi79, SG77, Sol74, van79b, AG75, BR75, Ber78, Che79, FG79, Lao79, PL79, SRK78, Vár73, vT72]. **Data-Bases** [van79b]. **Database** [Gra79b, RB82, Luk79]. **databases** [Kan80, LD80, SR79, Yao79a, ter80]. **dates** [Sło79]. **DB** [FG79]. **Deadline** [Bła79]. **deadlines** [Bła77]. **Deadlock** [CM79a, Cza80, BN76, Cel79, JS80]. **Decidability** [Cul78, CRM75a, CRM75b, Cul79, Gra80, Ruo79]. **decidable** [Lin76]. **Decision** [Cza80, HR76, IT80]. **Decomposable** [Ben79, vW80b]. **deduction** [Far82]. **defined** [GL80]. **Defining** [RB82]. **definition** [Boc76, CG76, Mad77]. **degree** [Gab76a, Ple79]. **degree-constrained** [Gab76a]. **Delaunay** [MZ79]. **delayed** [Erk80]. **demand** [AS78b, BM77]. **Denning** [Bv82]. **dependence** [Kit75]. **dependencies** [GM82, YJ76]. **dependency** [Luk79]. **dependent** [Kei75]. **depending** [MS72]. **depth** [Hen79, McC78]. **Derivation** [Pet80b, Gon78, Gon79]. **derivations** [Jaf78]. **derivative** [Kun73, ST77]. **describing** [Sli82]. **Description** [Sol74]. **Design** [AL75, BB76b, Chr76, MA80, Tza72a]. **Destroys** [FW76b, FW79a]. **detecting** [vS74]. **Detection** [KL78, BN76, DS80, FTM79, JS80, ST79]. **determination** [Avi80, BES82, Mun71, Nie75b, van80]. **Determining** [And78, Tar72, Cor71, Gra72, HT71, Kit77, Rou73]. **determinism** [All78]. **Deterministic** [Coh75, FG78, UMS82, ER73, Jon77, Kin80, Roz72c, Roz72b, SK77, vS74]. **development** [CKH79]. **developmental** [Kob77]. **deviations** [KP72]. **Device** [Sol74, Han74]. **diagnosis** [Tur77]. **Diagonals** [MRK76]. **diagrams** [Bro79a]. **Dictionaries** [MOS76]. **Difference** [MG73, MS72, Urb80]. **differences** [HSB73]. **differential** [Bui77, Bui79, Day80a, Wha72]. **differentiation** [AG75, CE78, Vár73]. **diffusing** [DS80]. **digraph** [Arj76]. **digraphs** [Ple79]. **Dijkstra** [Knu77, NMM78, Vv72]. **Dimensional** [ITN78, Bir77, Fre80, IT80, Ita79b, NI80, Yuv75]. **dimensions** [And79, And80, Byk78, DS79, Fou79, Ov80]. **Diophantine** [Hue78]. **Direct** [Roz72a]. **Directed** [Kam75, Coh73, Mun71, Shi79a, Shi79c]. **disciplines** [Hoa73]. **discrete** [Jav77, Kaw80, KP72]. **discrete-time** [KP72]. **discriminated** [BS79]. **Disjoint** [BB79, Shi79a, Tar74a]. **disk** [CT73]. **distinct** [Szw79]. **distributed** [AR79, AR80, DL78b, GR76, Kru79]. **Distributive** [Dob78b, HK79, AN80, Bur78, Dob78a, JKS79]. **divergence** [Kit75]. **Divide** [BS78]. **Division** [CM77, Bar76, Dem82, PM75].

division-free [Bar76, PM75]. **do** [Oul79]. **Document** [RBE+72, Tes79]. **Domination** [NW78, CGH75]. **down** [CKH79]. **DPA** [vS74]. **Drift** [RK75b, RK75a]. **Driven** [FW76b, FW79a]. **dual** [BR75]. **duality** [Mak79]. **due** [Sło79]. **dynamic** [Gel71, Kro73]. **Dynamics** [RB82]. **Dynamization** [vW80b].

E0L [Gra77b, AM77, Gra77c]. **Earley** [MV74]. **economic** [CRT79]. **ECT** [SY72]. **Edge** [Shi79a, MH79, Tar74a]. **edge-coloring** [MH79]. **Edge-disjoint** [Shi79a, Tar74a]. **editing** [Sel77]. **editor** [Kri82]. **education** [BKH78]. **effects** [CG76]. **Efficient** [And78, Dob80, KJ78, Mun71, Pap79, vN82, And79, And80, BMT79, Ghe75, Gra72, ST79, War73]. **eigenvalues** [BES82]. **Elastic** [HM73, Rem75]. **Elasticity** [MG73, MS72]. **electronic** [PD79]. **element** [Urb80]. **elementary** [Ste75]. **Elements** [van79b, Mer77, Nos74, Rei78]. **embedded** [Ros79]. **Emde** [Avi80]. **emptiness** [ER80, Rob79]. **Enclosures** [DD76b]. **entropy** [Chr75, Sek75]. **Environment** [Fis74, CFG72, Ita79b, LC76]. **Environments** [FW79b, Han76c]. **equality** [Gav77, Sch71]. **equation** [Urb80, Wha72]. **Equations** [HM73, MI73, dd75, dd76a, Akr79, Bui77, Bui79, Day80a, Hue78, MS72, PS80, PS81, Ruo78, WS82]. **Equilibrium** [HM73, Gel71]. **Equivalence** [FG78, Bay72, BMS80, EO82, GM82, Hug78, Ita79a, Kob74, Roz72a, Roz72c, Roz72b, Ruo79, Sam78, Shi79b]. **equivalence-checking** [Shi79b]. **equivalent** [Kri82, MR81]. **Errata** [Llo80a, vW80a]. **Erratum** [APT82, BN78a, Bui79, CRM75b, FW77, FW79a, Gon79, Han76b, Har79a, Hor72a, KF71a, KS74a, Krá72a, Kuč83, PS81, RK75a, Roz72c, Sri75, Wan76a, Win78, YWL85]. **Error** [Kra80, Tur77, Wür77, CS77, FTM79, Ghe75, SRK78]. **error-correcting** [SRK78]. **estimates** [Dob82]. **estimation** [Ber82]. **estimator** [Yuv77]. **ET0L** [Pen75, Roz76a, Van75]. **ET0L-Grammars** [Pen75]. **ET0L-languages** [Van75]. **ETOL** [YWL85, YWL82]. **EUCLID** [Sch79]. **Euclidean** [BM79]. **Evading** [RK75b, RK75a]. **evaluate** [PM75]. **Evaluating** [BM71, Val76]. **Evaluation** [Jak82, Bar76, CS77, Chr72, Han80, Kun73, Noz79, ST77, Tou72]. **evaluations** [PD79]. **evaluator** [RS77]. **Even** [SG79, Ebe80]. **Events** [Fey76]. **example** [Kar73]. **Examples** [MTT73]. **exchange** [Cah77]. **exclusion** [AJV86, Mor79a]. **Execution** [GL75, LF76]. **Exhibit** [Tsu78]. **Existence** [Osb79, CPR71]. **exit** [CKH79]. **expansion** [Zav76]. **Expected** [DR76, BS78, Dob82, Fra79b, JS80, NMM78]. **experiment** [KK72, Mad77]. **experimental** [AG75, Mat77a, Vár73]. **Experiments** [Sal73]. **Exploiting** [AS78a]. **Expression** [Chr72]. **Expressions** [Cza78b, Bar76, Gon78, Gon79, GM82, Kar71, PM75, Rob79]. **expressive** [Mer78, Par78]. **extended** [Rob79]. **Extendible** [Yao80]. **extending** [Kob74]. **extensible** [Sol72, SY72]. **extensible-contractable** [SY72]. **extension** [FZ82, MZ82, Vv72]. **Extensions** [Cam78]. **extremely** [Krá72a, Krá72b].

F [Bv82, Mor81]. **F0L** [Ruo79]. **F0L-D0L** [Ruo79]. **facilities** [Han74, Mad77]. **Factoring** [Sha79]. **factors** [Ebe80, Gab76b, Müh79]. **Fairness** [Cza80]. **families** [Szw79]. **family** [AM77, Boa73, Kri82, MR81, PP76, ST77]. **fan** [Bar76]. **fan-in** [Bar76]. **Fast** [AKS78, BD80, Gal76, MAP76, PS78, SG76, Sik72, de 78, AT78b, Ber82, CS77, Cla75, Dye80, Hor72a, Hor72b, Jon79, Shi79b, Zav75]. **Feature** [Tou72, Kit75]. **Features** [GW78]. **feedback** [GT78, SG79, Tza72a]. **Few** [van79b]. **Fibonacci** [GL80, Pet80b, Sho78].

Field [Gun82]. **fields** [Cho82]. **FIFO** [ES77]. **FIFO-optimal** [ES77]. **file** [BR75, HB77, SBS79]. **files** [Sta71]. **filter** [KP72]. **Find** [DR76, Lao79]. **Finding** [ER79a, HG77, Joh75, Yuv75, Yuv76b, Arj76, BD80, BSW77, Che79, Dev80, GT78, Jov74, KST82, Loi80, MKM78, MA79, Tar74c, Tar74b, Yao75a, Yao75b, YJ76, Yuv76a]. **Finite** [And78, CHCP74, ITN78, Jar73, Byk78, Cho82, DS79, Dij72, Fou79, Gra72, HSB73, IT80, LLW79, NI80, Ov80, Pău78, Rei79a]. **First** [GL75, RV77]. **first-in-first-out** [RV77]. **Fixed** [LNS82, BSW77]. **fixed-radius** [BSW77]. **Floating** [RK75b, RK75a]. **Floating-Point** [RK75b, RK75a]. **floor** [Sch82]. **flows** [MKM78]. **folk** [LNS82]. **FOR-loops** [FHMS79]. **forest** [van77]. **Form** [Osb79, Nij79, Sam78, YWL82, YWL85]. **Formal** [MTT73, Upf82, Kaw80, LLW79, Mad77, Tal77]. **Formalization** [GW78]. **forms** [Ber82, CPR71, KM80, Roz72a, Sam78]. **formulae** [McC78, SK77]. **formulas** [APT79, APT82]. **FORTRAN** [DDM+75]. **forward** [Fra77]. **fractions** [Akr79]. **Free** [FG78, Sol74, AM77, AJV86, Bar76, BCDL72, Che79, EPS82, Jaf78, KA75, Lin76, Man76b, Mor79a, PM75, Roz72a, Sli82, Sok78, Tak74, Ukk79]. **Full** [San76]. **Fully** [Kas73]. **function** [MZ82, Moo79, Sch82, Sek75]. **Functional** [Łuk77, YJ76]. **functionals** [SS79]. **Functions** [San76, Abe79, Eng78, GL80, Hen79, KR76, Shy76]. **fundamental** [Jov74]. **Further** [Ov80]. **future** [Chr75].

G. [Akl78]. **game** [Lou80]. **Garbage** [Fis74, FW76a, FW77, Cam74, Hoa74, Jon79, TG78, Zav75]. **General** [Mer71, DL78b, Hoa73]. **Generalization** [Lei79, HSB73, Knu77]. **Generalizations** [DKP77]. **Generalized** [Bud79, Dem82, MI73, Reu76, Ill78, Müh79]. **Generate** [KS74a, KS74b, Hue78]. **Generating** [CRM78, MAP76, CL80, Ist78, Sek75]. **Generation** [KŁ76, Ple75, RBE+72, Sri74, Sri75, Zak82]. **generative** [Pău78]. **generator** [Krá72a, Krá72b, WB79]. **Genetic** [TG78]. **geometrical** [Akl78, Man76a]. **geometry** [PD79]. **Geschke** [Mat77a]. **GF** [CL80]. **Ginsburg** [Mau71]. **Given** [BWF+79, YJ76]. **global** [Mat77a]. **go** [KF71a, KF71b]. **good** [ST77, Tar74a]. **Graceful** [CC75, BL78, Cah77]. **Graham** [GS87]. **Grammar** [CRM78, Pău79]. **Grammars** [GW78, How78, MTT73, Pen75, RB82, Tar82a, Wan76a, Wan76b, CMM73, ER79b, Ghe75, Jan79, JK75, Kra80, Łuk77, Man76b, MR71, Nij79, Pău78, Roz72a, Roz76a, RW76, Roz76b, Sli82, Sud77, Sud78, Tak74, Ukk79]. **grammatical** [Mou80]. **Grant** [PP80]. **Graph** [Yao79b, Bha80, Cor71, Mat79, Mun71, Nie75b, RF73, Rou73, Sel78, Tar74b]. **Graphics** [RBE+72]. **Graphs** [Bof73, BB79, Kam75, Kas73, Sri74, Sri75, DKP77, Ebe80, Gab76a, Gab76b, Gav75, Han74, Hen73, HT71, LM78, MH79, Mit79, Müh79, Nie75a, NMM78]. **Gray** [Kay76]. **Greedy** [MZ79]. **Greibach** [Nij79]. **group** [Bv82, DS81, Tar72]. **groupoid** [Tar72]. **Growing** [Kor82]. **growth** [Kar73].

Hamiltonian [Kun76, Ple79]. **handling** [Ghe75, Sta71]. **Hanoi** [BL80]. **hard** [DLR79, Ko82, Rob80, SK77, Sli82]. **Hardcopy** [RBE+72]. **harder** [Mor81, Rom80]. **harmonic** [Zav76]. **Hash** [HG77]. **Hashing** [AKS78, GIG77, SG76, Yao80]. **hazards** [ZD71]. **Heap** [FW76a, FW77]. **Height** [MOS76, Wes76, Bro78, Bro79b]. **height-balanced** [Bro78, Bro79b].

Heuristic [AR80, Fin72]. **Heuristics** [BB76b]. **hierarchical** [Jak82, Tar82b]. **hierarchies** [Tsi71]. **Hierarchy** [Wan76a, Wan76b]. **Higher** [Coh75, Dob82]. **Higher-Level** [Coh75]. **homogeneous** [Hue78]. **homomorphic** [Nie75a]. **homomorphism** [ER79a]. **Huffman** [Jak78]. **Hull** [And78, GS87, Jar73, KJ78, AT78b, Akl79, Avi80, Byk78, DS79, Fou79, Gra72, MA79, Ov80, van80]. **hulls** [And79, And80, Bro79a, Dev80]. **Hybrid** [MA80, Röh82].

Identification [Jar73, JD74, SBS79, Tza72b]. **images** [Nie75a]. **Immediate** [FTM79]. **Implementation** [Cza78a, Cza78b, GL75, Boc76, GM79, Pri79]. **implementations** [KM79, Lau80]. **Implementing** [MOS76, HN79, Mis79, Set73]. **Implicit** [DM79]. **Imply** [Gal76]. **Improved** [PS78, RE79, AT78a, AT79, Bro80a, Gab76b, Rob73, vS74]. **improvement** [CL80, Han80]. **Improvements** [MAP76]. **inbreeding** [Ste75]. **Includes** [FW76a, FW77]. **inclusion** [Boa73, Kin80]. **Independent** [LF76, Sło79]. **independently** [ES77]. **index** [GR76, KHTY78, Pău78, Ram77]. **indexed** [DPS76]. **induction** [Gri72]. **Inexact** [Pea75]. **infinite** [Eng72, Yuv76a]. **infinite-precision** [Yuv76a]. **Inform** [And80, APT82, Avi80, Bin82, Bv82, CM80, Day80a, Fou79, Gon79, Hel81, Kri82, Kuč83, Llo80a, Mei81, Mor81, NI80, Ov80, Tar86, YWL85, Yuv79, vW80a]. **Information** [CHCP74, CM79b, Dij72, Hir78, Sal73, Sal71, Tal77, Tou72]. **Information-Theoretic** [Hir78]. **initial** [SG79]. **Input** [Tza72b]. **Input-output** [Tza72b]. **Insertion** [PE78, Dob82]. **Inspected** [Vik79]. **instability** [Bin82, Tsa81]. **instruction** [DDM+75]. **instructions** [Bro72, Set73]. **integer** [RV79]. **Integral** [dd75, dd76a, Ram77]. **integrating** [MN72]. **interaction** [Ruo75]. **interactive** [FL82, Sal71]. **interleaved** [Rob75]. **intermediate** [Kun79]. **intermediate-value** [Kun79]. **Internal** [Erk80, Day80b]. **interpolation** [GR77, Hor72a, Hor72b, PR77]. **interpolation-sequential** [GR77]. **Interpretation** [Coh75, FW76b, FW79a]. **intersection** [CM75, EMK82, ER80]. **Interval** [Fra79a, IT76]. **inverse** [Kun77]. **Inversion** [PS78]. **investigation** [Mat77a]. **involving** [Ruo78, Zav76]. **irreducible** [CL80, Ist78]. **isomorphism** [BB76a, BMS80, HT71, Mat79, Yao79b]. **iteration** [RW76, Roz76b]. **Iterative** [MS72, MI73, Gin82, Sho78].

jobs [Sło79]. **join** [LD80]. **Joshi** [Kit75]. **July** [Hel81, Mei81]. **June** [Gon79].

Kam [Yao79a]. **Keys** [Dem78, Bv82, DS81, YJ76]. **Known** [van79b].

Language [Chr76, Bra78, Coy76, Dem82, Gra79a, Mer77, Ruo78]. **Languages** [Coh75, CRM78, FG78, Wan76a, Wan76b, Von75, AM77, BS79, Boa73, DPS76, ER73, ER80, Gra77b, Gra77c, LR74, Lin76, Meh76, Pău79, Pri79, Ruo75, Sok78, Sol72, Van75, Vel79, Yeh79, YWL82, YWL85]. **largest** [Boa73]. **Latin** [BMS80]. **Lattices** [Hos75, Reu76]. **law** [Hoa73]. **Layer** [Chr76]. **layouts** [Bre80]. **lazy** [Han80]. **least** [Boo80]. **left** [Nij79]. **left-regular** [Nij79]. **leftmost** [CMM73]. **lemma** [BM82, CPR71, Yeh79]. **Length** [BWF+79, LF76, NPWY72, Krá72a, Krá72b, LR74]. **Lenstra** [Paj80]. **less** [Gra77b, Gra77c, van77]. **Lett** [And80, APT82, Avi80, Bin82, Bv82, CM80, Day80a, Fou79, Gon79, Hel81, Kri82, Kuč83, Llo80a, Mei81, Mor81, Ov80, Tar86, YWL85,

Yuv79, vW80a]. **Letter** [Kri82]. **Level** [Coh75]. **levels** [PP80]. **Lexical** [KŁ76]. **Lexicographically** [Boo80]. **limit** [ER73]. **Lindenmayer** [How78]. **Line** [RBE+72, CFG72, DKP77, NI80, Rou73]. **Linear** [DLR79, DR76, MH79, Mit79, MI73, APT79, APT82, BS78, BC79, Boa73, CGH75, FS73a, GT78, Hue78, Jon77, KHTY78, Kun76, Mat77b, MA79, MZ82, Rei78, Roz72a, Shi79c, Shy76, Tza72b, ten80, van77]. **linear-time** [APT79, APT82, GT78]. **Lingual** [Sal73]. **link** [BR75, CRT79]. **LISP** [CG78, FG79, de 78]. **LISP-type** [FG79]. **List** [Fis74, Lin73, Llo80a, Llo80b, vW80a, CG78, Leu79]. **Lists** [Fra79a, Lyo79, Fra79b, Han78, Ita79a, Shi79b]. **Literate** [Knu92]. **LL** [Ghe75, JK75]. **LL-regular** [JK75]. **Local** [Cul78]. **Locality** [IT76, Tsu78]. **Locality-Transition** [Tsu78]. **locally** [Kob77]. **Location** [LY79]. **log** [DLR79, GL80]. **log-space** [DLR79]. **logarithmic** [Meh76, van77]. **logic** [Far82, Har79a, Har79b, Hen79, Lei80, Mer78]. **logical** [Coy76, Han76a, Han76b]. **Long** [Fin72]. **Long-Term** [Fin72]. **Longest** [Hir78]. **Loop** [DY75, Che79]. **looping** [vS74]. **loops** [FHMS79]. **lossless** [LD80]. **Lower** [BC79, Hir78, Avi80, Ban80, Bro80a, FL82, Ram77, RV79, van80]. **LR** [Tar82a].

Machine [Bud79, Bro72, Dei74]. **machines** [SS77]. **Manacher** [Akl78]. **Manage** [FW79b]. **management** [Mer71]. **many** [BM71]. **map** [Wil80b]. **Maps** [Bud79, Wil80a]. **March** [Tar86]. **Margulis** [Ang79]. **marked** [Hen73]. **marking** [Der80]. **Master** [Bv82, DS81]. **Match** [BB76b]. **Matching** [Gal76, Akl78, BB76a, Bir77, Gav77, Man76a, Müh79]. **Mathematical** [Laz75, Loi79]. **mathematics** [CPR71]. **Matrices** [PV80, BES82, Col79, CM80, IMR80, Sch78]. **Matrix** [MRK76, PS78, BCRL79, CM80, Mak79, Mor81, Pău78, Pău79, Pet80b, Rom80]. **matroid** [CM75]. **Mauceri** [Kri82]. **Max** [Cam78]. **Maximal** [Wes76, Avi80, BB76a, Dev80, Mit79, van80]. **Maximum** [BWF+79, Gav77, MKM78, McC78]. **meaning** [Coy76]. **measure** [Kit75, Oul79]. **measures** [VL79]. **mechanical** [Moo79]. **mechanism** [DD76b, DL78b, HJ71, PP80]. **Median** [Nos74, Ebe79]. **meet** [Bła77]. **membership** [Luk79, Van75]. **Memories** [DT75, Min73, CLW80b]. **Memory** [Fin72, Fra79a, SG77, CLW80a, Kuč82, Kuč83, RV77, Rob75, Sta71]. **Merge** [PE78, Erk80, FS73a]. **Merging** [Van79a, Bar73]. **Method** [SG76, Bar73, Bui77, Bui79, Day80a, Far82, GR76, HSB73, Hor72a, Hor72b, Kit77, LM78, Mat77a, Pet80b, Sok78, SS79, Teu78, Wil80a]. **Methodical** [BWF+79]. **Methods** [MAP76, MI73, dd75, Day80b, MS72]. **micro** [JD74]. **micro-operations** [JD74]. **Microprogramming** [LR80]. **Miller** [Len79]. **Min** [Cam78]. **Min-Max** [Cam78]. **Minimal** [LS82, NM82, War73, Sło79]. **Minimax** [Bof73]. **Minimization** [DT75, SS79]. **Minimizing** [Chr75]. **Minimum** [BB79, CLW80a, Joh75, Roh78, Chr72, Dew74, Gav77, Tar82c, Tar86, Yao75a, Yao75b]. **Mixed** [MG73, Pri79]. **modal** [Far82]. **Model** [Arn74, Gra79b, Laz75, Cam74]. **modeling** [Tza72b]. **Models** [Reu76]. **modes** [LLW79, Sch71]. **modification** [Jov74]. **modified** [TW73]. **module** [AR79]. **moments** [Dob82]. **monitor** [Boc76]. **monotone** [Hen79, McC78]. **Monotonic** [Wan76a, Wan76b]. **Monte** [Ber82]. **morphisms** [Ruo78, WS82]. **Morris** [AJV86]. **most** [CRT79, War73]. **MR** [APT82, Bin82, Bv82, CM80, Fou79, Kri82, Kuč83, Llo80a, Mor81, NI80, Ov80, YWL85, vW80a, Day80a]. **Multi** [Sal73].

Multi-Lingual [Sal73]. **Multidimensional** [Ore82, RY77]. **multigraphs** [Shi79a]. **multihead** [Iba74]. **Multiple** [BN78a, BN78b, Sam76, Hel81, LY79, LM80b, Mee76, Mei81, Pri76]. **Multiplication** [MRK76, BCRL79, Mor81, Pet80b, Rom80, de 75]. **multiplications** [Sch78, Yuv76a]. **Multiplying** [PV80, Sch78]. **multiprocessor** [Bła77]. **Multiprogramming** [Laz75]. **multisection** [BES82]. **multiserver** [Tza72a]. **multitape** [Kin80]. **multivalued** [Hen79, Luk79]. **multivariate** [Val80]. **mutational** [Kra80]. **Mutual** [FW79b, AJV86, Mor79a, Tou72].

N [Bin82]. **near** [BSW77, BM79, Yuv75]. **nearest** [FH79, FK79, LP78, YL79, Yuv76b]. **nearest-neighbor** [FH79, FK79, LP78, YL79]. **nearly** [Kor82]. **necessary** [RV79]. **neighbor** [BM79, FH79, FK79, LP78, YL79]. **neighbors** [BSW77]. **neighbours** [Yuv75, Yuv76b]. **Neither** [MZ79]. **ness** [Lin76]. **nestling** [Kun77]. **net** [Gra79a, MS72]. **Nets** [DL73, Pet80a]. **network** [Cah77, CRT79, Shi79c]. **Networks** [Fin72, KL78, PV80, Tsu78, CM79a, MKM78]. **No** [AKS78, And80, APT82, Bin82, Bv82, CM80, Day80a, Fou79, Kri82, Kuč83, Llo80a, Mor81, NI80, Ov80, YWL85, Yuv79, vW80a]. **Node** [BB79, Gav77]. **Noiselike** [Fey76]. **Non** [Coh75, CRM78, FS73b, MI73, All78, MN72, Pro76, Ram77, SK77, Sok78, Win77, Win78]. **non-commutativity** [Pro76]. **Non-Compactness** [FS73b]. **Non-Consistent** [MI73]. **Non-Counting** [CRM78]. **non-determinism** [All78]. **Non-Deterministic** [Coh75, SK77]. **non-integral** [Ram77]. **non-sequential** [Win77, Win78]. **non-unique** [MN72]. **noncommutative** [Sch78]. **nondeterministic** [MC80, Upf82]. **nonexistence** [Ukk79]. **Nonisomorphic** [DKZ77]. **nonlinear** [Wha72]. **nor** [MZ79]. **Normal** [MAP76, Osb79, KM80, Nij79, YWL82, YWL85]. **normalization** [SR79]. **Notational** [Sol74]. **Note** [Fin72, GS87, ITN78, Jov74, Yao80, Abe79, Ang79, BM79, Bes79, Bv82, CE78, CKH79, CG78, CT73, CMM73, CG76, Der79, Dev80, Ebe79, Ebe80, Eng72, FH79, Gab76a, Iba74, IMR80, IT79a, IT79b, IT80, Jan79, Jon77, Kob74, KD73, KR76, Law76, Lei80, LM80a, Lou80, Mat79, Mei81, MR71, Mor81, Mou80, Noz79, Pet80a, RY77, Rei79a, Ros79, Row75, Row77, RW76, Ruo78, Set73, Shy76, Sud77, Sud78, Tak74, Tar74b, Tsi71, YL79, Yao79a, Yeh79]. **Notes** [Gon78, Gon79, KF71a, KF71b]. **NP** [ER79a, HR76, Ko82, Ple79, Rob80, SG79, Yao79b]. **NP-complete** [ER79a, HR76, SG79, Yao79b]. **NP-completeness** [Ple79]. **NP-hard** [Ko82, Rob80]. **Null** [Gra77a]. **Number** [Dem78, Bac82, CLW80a, CGH75, Gab76b, Krá72a, Krá72b, KD73, Kun76, Law76, Nie75b, RV79, RF73, Sel78]. **Numbering** [CC75]. **numbers** [GL80, Oul79, Pet80b, Sha79, Sho78, Zav76]. **Numerical** [HM73, Vár73, dd75, dd76a, AG75, Ber82, Bin82, Tsa81].

observation [ER79b]. **observations** [Bro79c, Ko82, Nie75b]. **Obtaining** [MI73, RF73]. **occurrences** [ST79]. **odd** [Ebe80]. **off** [Mis79]. **omission** [Bak72]. **on-line** [CFG72, NI80]. **One** [GW78, Lip77, MI73, UMS82, Boa73, Fre80, PD79, Tur77]. **one-** [Fre80]. **one-counter** [Boa73]. **One-Pass** [GW78]. **One-Way** [UMS82]. **only** [Sik72]. **open** [Sło79]. **operating** [Mad77, Tsi72, Var72, Zel74]. **Operations** [SG76, Sol74, Fra79b, IT79b, JD74, Mis79, Sho78]. **operator** [Lev75, Sud77, Sud78, Wil77]. **operators** [EPS82]. **Optimal** [AS78a, Cam74, MT75, PV80, Wes76, AS78b, BY76, ES77, HR76, KST82, KK72, Kor82,

KP72, MZ79, RF73, Row75, Row77, ten80]. **Optimisation** [Mid74]. **optimised** [Ban77]. **Optimization** [Hoa74, Loz76, Mat77a, RS77]. **optimizing** [Mat77b]. **Optimum** [NW78, Kun79]. **Order** [Fis74, IMR80, Pet80b, TG78, van77]. **order-** [Pet80b]. **ordered** [Han78]. **orderings** [Der79, Shi79c]. **organisation** [SBS79]. **organization** [BR75, Zel74]. **Oriented** [Bay72, Mid74, SG77]. **Other** [CHCP74, Cul78, DD76b]. **outerplanar** [Mit79]. **Outline** [Bro72]. **Output** [FW76b, FW79a, Tza72b].

packing [Fre80]. **Padded** [Fra79b]. **page** [BM77, Ita79b]. **page-on-demand** [BM77]. **pages** [ES77]. **Pagination** [IT76]. **Paging** [AS78a, Ita79b, vT72]. **pair** [Dye80, Mak79]. **Paired** [Fra79a]. **Palindrome** [Gal76]. **Palindrome-Recognition** [Gal76]. **paper** [Bin82, CM80]. **Parallel** [BES82, Cza78b, Cza80, GIG77, Kuč82, Kuč83, MRK76, NM82, PS78, RM73, Bar76, Cza78a, Cza79, DD76b, Dye80, IMR80, JD74, Kaw80, Set73, Val80, Zuc77]. **Parallel/Sequential** [RM73]. **parameter** [Wha72]. **parameters** [Tza72a]. **parsers** [FTM79]. **Parsing** [Tar82a]. **Part** [GL75]. **Partial** [BB76b, Gra79b, Eng78, Ers77]. **Partial-Match** [BB76b]. **Partitioning** [Dob78b, HK79, Van79a, AN80, Bur78, Dob78a, JKS79]. **partitions** [Kay76, MT75]. **Pascal** [Han75]. **Pass** [GW78, Tur77]. **Path** [BB79, Cza78b, KL78, NPWY72, Mor81, NMM78, Rom80, Tar82c, Tar86]. **paths** [Ros79, Yuv76a]. **pattern** [Akl78, Bir77, DPS76, Man76a]. **Patterson** [FZ82]. **PD2L** [Kar73]. **PD2L-system** [Kar73]. **pebble** [Lou80]. **performance** [CT73, Sal71]. **periodic** [LM80a]. **Periodically** [Vik79]. **Periodicity** [HG77]. **permutation** [Cah77, CLW80a, CLW80b, Kun77, Rot75, SS79]. **Permutations** [Ple75, BL78]. **persistence** [Gra80]. **Petri** [DL73, Gra79a, Pet80a]. **Phrase** [All78]. **PL** [Han74]. **PL/1** [Han74]. **placement** [ES77]. **Planar** [And78, Kam75, Gra72, HT71, LY79, LM78, MZ79, Ple79, Wil80a]. **Plane** [Jar73, MG73, BM79]. **Point** [RK75b, RK75a, LNS82, MZ79]. **Pointer** [Sol74]. **Pointer-Free** [Sol74]. **pointers** [Sch79]. **Points** [Jar73, BM71, Byk78, DS79, Fou79, LY79, Ov80]. **policies** [CT73]. **Polygon** [GJPT78, AT78a, AT79, Byk79, MA79]. **Polygonal** [EMK82]. **polygons** [FK79, LP78, YL79]. **Polynomial** [San76, Wei75, Akr79, CS77, DKZ77, Lip77, ST77, Sli82]. **polynomial-time** [Sli82]. **polynomially** [Van75]. **polynomials** [BM71, CL80, HV75, Noz79, RV79, Val80]. **Pope** [CM77]. **'Possible'** [Luk79]. **Post** [Hug78]. **Potential** [dd75, dd76a]. **power** [Dei74, Par78, Sch82, Vel79]. **power-bounded** [Vel79]. **pp** [Avi80, Gon79, Hel81, Mei81, Tar86]. **Practical** [Dob79, HK79, DY75]. **precedence** [KR76, Lev75, Shy76, Sud77, Sud78, Wil77, Zim72]. **precision** [Yuv76a]. **preconditioning** [Hor72a, Hor72b]. **predecessor** [Han78]. **predicate** [Fra77, MC80, Mer78]. **preemptive** [LM80a, Row77, Sło79]. **prefix** [Kri82, MR81, Vel79]. **prepaging** [AS78b]. **Preserving** [Fis74, van77]. **primality** [Len79]. **Primitives** [DS78, DM79, Vv72]. **Principle** [dd76a, Ers77]. **priori}** [KP72]. **Priority** [Joh75, Var72]. **Probabilistic** [Fre80, Roh78, CL80, DL78a, Ko82, Lei80]. **Problem** [BWF+79, Cam78, GS76, HM73, Hir78, MG73, Akl78, AJV86, Ban80, BN78a, BN78b, BL80, Dye80, ER80, FK79, Kin80, Kro73, LLW79, Lao79, Law76, LP78, Lip77, Loz76, Man76a, Mat79, Mau71, MV74, Mor81, Mor79a, Müh79, PD79, Ple79, RY77, Red77, Rob75, Rob79, Rom80, Roz72a, Roz72c, Roz72b, Ruo79, Sel77, SG79, YL79, Yuv73].

Problems [Ben79, Cza80, FG78, NM82, UMS82, dd75, dd76a, BMT79, BN76, CM75, CK77, Cza79, EO82, GTY78, Gra79a, IT80, Ko82, MN72, Sli82, vW80b]. **procedural** [Lau80]. **procedure** [And72]. **Process** [And80, APT82, Avi80, Bin82, Bv82, CM80, Day80a, Fou79, Gon79, Hel81, Kri82, Kuč83, Llo80a, Mei81, Mor81, Ov80, Tar86, YWL85, Yuv79, vW80a, AR80, Har79a, Har79b]. **processed** [Tal77]. **Processes** [Tsu78, CM79a, Var72]. **Processing** [Fis74, Loi79, Han74, Tza72a]. **Processor** [MRK76, PS78, AR79, Row75, Row77]. **processors** [Tes79]. **producer** [Wür77]. **Producing** [Ban77]. **Production** [Arn74, Ebe79]. **productions** [Jaf78]. **products** [DV76, Mak79]. **Program** [Chr76, FS73b, GL75, HWH76, IT76, KS74a, KS74b, Mid74, Wei75, Bes79, CKH79, DL78a, DY75, Mat77a, PL79, Sho78, Upf82]. **Programmed** [DZ71, ZD71]. **Programming** [Gri72, Knu92, DD76b, DLR79, LC76, Mer77, Rem75, Sok78, Sol72]. **Programs** [Bro80b, FW76b, FW79a, Che79, Coy76, Gin82, GTY78, Kaw80, LLW79, MC80, Mat77b, Mer71, Oul79, Sou79, SS77]. **projections** [GG82]. **proof** [Bes79, Moo79, Pri76, Yuv78, Yuv79]. **proofs** [CM79a, Roz72a, Sou79, Upf82]. **proper** [Boa73]. **Properties** [Cul78, Kas73, BN76, KA75, NI80]. **property** [LD80, SBS79]. **Protection** [Tsi72]. **Proving** [Bra78, DY75, Sam78, Sok78]. **pseudorandom** [Krá72a, Krá72b]. **pumping** [Yeh79]. **pure** [And72]. **pushdown** [Cul79, Iba74, Jon77]. **pyramid** [IT79a].

QT [Mer78]. **quad** [BS75]. **quadratic** [PS80, PS81, Tou72]. **quantified** [APT79, APT82]. **quaternion** [de 75]. **quatric** [Gra77b, Gra77c]. **question** [Van75]. **Queueing** [AL75, Hoa73]. **Queues** [Joh75]. **Queuing** [Tsu78]. **Quicksort** [Röh82]. **quindiagonal** [BES82].

Rabin [CL80, FH79]. **race** [ZD71]. **radius** [BSW77]. **radix** [Kei75]. **radix-dependent** [Kei75]. **Random** [MAP76, And72, BR75, Bro79c, CMM73, Roz76a]. **randomized** [Ita79a]. **range** [BS75]. **rank** [IMR80]. **ranking** [Zak82]. **Rational** [Rei79b, vN82]. **rationale** [AG75]. **rationals** [Pap79]. **Reachability** [Kam75]. **read** [Sik72]. **read-only** [Sik72]. **reader** [BN76]. **readers** [BN78a, BN78b]. **ready** [Bła79]. **Real** [UMS82, LM80a]. **Real-Time** [UMS82, LM80a]. **Realization** [Cah77, DL73]. **really** [Kar71]. **Recognition** [Gal76, Gra77b, Gra77c, vN82]. **recognizable** [Meh76]. **recognize** [Mit79]. **recognizer** [KD73]. **recognizing** [JF82]. **Reconstructability** [Man76b]. **record** [BS79]. **recovery** [BN76, Tur77]. **rectangle** [EO82]. **Recursion** [FW79b, May72, PP76]. **Recursive** [FW76b, FW79a, GI79]. **Recursiveness** [Wan76a, Wan76b, GMS75]. **reduced** [KP72]. **Reducible** [Kas73]. **reducing** [Bar73, Kar71]. **Reduction** [Ita79b]. **Redundancy** [EL76, ten80]. **Reevaluation** [And78]. **referees** [Ano78]. **Reference** [FW79b, KHTY78]. **referenced** [ES77]. **referencing** [HJ71]. **refinement** [And72]. **Region** [SF79, KM79]. **Register** [AL75]. **regular** [Cul79, JK75, Nij79, Rob79, Vel79, Yeh79]. **Related** [UMS82]. **relation** [JF82, MC80, SS77]. **Relational** [Gra77a, BB76a, Dem82, GM82, Kan80, LD80, Luk79, MC80, Par78, SR79]. **Relations** [DS78, Mer77, Bay72, Han76a, Han76b, LS82, vN82]. **Relative** [Val76, CT73]. **release** [Sło79]. **Remark** [Dei74, DL78a, NI80]. **remarks** [Akl79]. **Remer** [KD73]. **removal** [PP76]. **Reply** [Bin82, Dob78a, Mor81]. **Representation**

[Ada73, GS76, Kam75, Min73, Sch71, DPS76, MV74, Rei79a]. **representations** [LS82]. **representatives** [Szw79]. **required** [PM75]. **Requirement** [EL76]. **Requirements** [Bra72, SG77, ten80]. **requires** [Rob79]. **research** [BKH78]. **resolution** [MZ82]. **Resource** [SG77, Bła79, Leu79, Sło79]. **Resources** [Llo80b, Llo80a, vW80a]. **respect** [SK77]. **Restivo** [Kri82]. **Restricted** [Wes76, CKH79, CMM73, Leu79, YWL82, YWL85]. **result** [Ban80, BL78, Yuv78, Yuv79]. **Results** [CM79b, Laz75, Cul79, Har79a, Har79b, Ruo75]. **resynchronisation** [Wür77]. **Retrieval** [BB76b, CM79b, EL76, LP76, Reu76, Sal73, Weg75, Lip77, Sal71, Tes79, ten80]. **reversal** [Iba74]. **Revisited** [Dob79, Der80]. **right** [Vel79]. **ring** [Mak79, RV79]. **role** [Sta71]. **Romani** [Mor81, Mor81]. **Rosenberg** [Ill78]. **Rosenbrock** [Day80b]. **rounding** [Kei75]. **Rule** [Bof73, Gel71, Kei75, Pri76]. **rules** [PP76]. **run** [HJ71]. **run-time** [HJ71].

S [Kri82]. **Safe** [Lau80]. **safety** [Cel79]. **same** [DKZ77]. **Sardinas** [FZ82]. **saving** [Mee76]. **Scan** [RBE+72]. **Scanning** [Lin73, CT73]. **Scatter** [FW76a, FW77]. **scattered** [ER79b, MR71]. **Scheduling** [LF76, Llo80b, Lyo79, Bła77, Bła79, Leu79, LM80a, Llo80a, Row75, Row77, Sło79, Var72, vW80a]. **Schemas** [Cza80, FS73b]. **Schemata** [Wei75]. **scheme** [Bro78, Bro79b, SRK78]. **Schemes** [MG73, GTY78, JF82]. **Schneider** [Bv82]. **Schorr** [Der80]. **Sci** [NI80]. **science** [VL79]. **scoping** [Pri79]. **Search** [Fin72, GS76, Lei79, San76, SF79, Wes76, And72, GR77, Kor82, Pap79, PR77, Rei79b]. **searches** [BS75]. **Searching** [Ben79, Ore82, BD80, BY76, BM79, EMK82, RY77, vW80b]. **sectors** [ES77]. **Secure** [CM79b]. **segmentation** [vT72]. **Selection** [AN80, ST77, Ebe79, Erk80, Kit75, MZ82, Nos74, Rei78]. **Self** [Kru79]. **Self-stabilization** [Kru79]. **semantic** [CG76, RS77]. **Semantics** [Bro80b, GS76, EPS82, LNS82, MC80, Tal77]. **semaphore** [KM79, Tri76, Vv72]. **semi** [Rob79]. **semilinear** [Iba74]. **Sensitivity** [Tar82c, Tar86, KP72]. **sentential** [Roz72a]. **Sequence** [BWF+79, GMS75, HG77]. **Sequence-to-sequence** [GMS75]. **sequences** [Ist78]. **Sequential** [Bud79, Fra79a, RM73, DZ71, GR76, GR77, Win77, Win78, ZD71]. **series** [Zav76]. **Set** [And78, Cza80, Jar73, SG76, Ban80, Byk78, DS79, Fou79, Fra79b, Gra72, Han76a, Han76b, Kay76, MZ79, Mat77b, Mis79, Ov80, SK77, SG79, YJ76]. **Set-Theoretic** [Cza80]. **sets** [Che79, ER73, Iba74, LR74, Rei78, Szw79]. **several** [FHMS79]. **shallow** [Pri79]. **shared** [CG78]. **Sharing** [CHCP74, Bv82, DS81, Dij72]. **shop** [Sło79]. **Short** [Fin72, Lyo79, Krá72a, Krá72b]. **Shortest** [Mor81, Rom80, NMM78, Tar82c, Tar86, Yuv76a]. **Shortest-path** [Mor81, Rom80]. **Should** [Kei75]. **shuffle** [Cah77]. **shuffle-exchange** [Cah77]. **side** [CG76]. **signature** [Lei80]. **Significance** [Dob79, HK79]. **similarity** [AT78a, AT79, Byk79]. **similarly** [GL80]. **Simple** [Bła77, DR76, Dwy73, GJPT78, BM82, Cam74, DDM+75, Far82, Fre80, Han76c, MC80, MA79, Pău78, Rob75, Yuv78, Yuv79]. **simpler** [Mer78]. **simplification** [Der79]. **simply** [Mor79b]. **Simulation** [Laz75, UMS82, DZ71, Jav77, Jon77, ZD71]. **Simulations** [Gal76]. **Single** [AKS78]. **sink** [KST82]. **sink-finding** [KST82]. **Size** [AL75, GG82, Hoa74]. **sizes** [Wil80a]. **Slices** [DS78]. **slicing** [Roz76b]. **Small** [MOS76]. **smoker** [Red77]. **Soft** [Zim72]. **Software** [vT72, VL79, Han74]. **Solution** [BWF+79, HM73, Loi79, MI73, dd76a, Akr79, AJV86, Bac82, CK77, Mau71, MN72,

Mor79a, PS80, PS81, Rob75, Urb80]. **Solutions** [CHCP74, Hue78, Red77]. **Solving** [dd75, MS72]. **Some** [BN76, Bro79c, Cam78, Cul79, DS78, Gab76b, Gal76, Hos75, KA75, Kas73, Ko82, NI80, Nie75b, Tar82a, EO82, Gra79a, SS79, Ukk79, VL79]. **Sort** [Dob79, Dob80, HK79, Dob82]. **Sorting** [Dob78b, KS74a, KS74b, Kun77, MA80, PE78, Bar73, Dew74, Dob78a, Erk80, JKS79, KK72, War73, Yuv73, Bur78]. **Space** [EL76, GI79, Mis79, Abe79, DLR79, KHTY78, Kaw80, Mee76, Meh76, Rob79, Yuv75, Zuc77, ten80, van77]. **space-saving** [Mee76]. **Space-time** [Mis79]. **spacing** [MS72]. **Spanning** [CC75, Cam78, Joh75, NM82, Roh78, Tar82c, Tar86, Yao75a, Yao75b]. **specific** [HV75]. **specification** [Cza79, PL79, Tal77]. **specifications** [BM82]. **spider** [Ebe79]. **spite** [Kru79]. **split** [KM79]. **squares** [Bac82, BMS80]. **stability** [Ber82, Day80b]. **stabilization** [Kru79]. **stable** [Bui77, Bui79, Day80a, Dew74, Kei75]. **Stack** [Dwy73, Pri79, Rob73, Sik72]. **Stacking** [Kar71]. **Stacks** [Lin73, May72]. **star** [Gab76a]. **starvation** [AJV86, DL78b, Mor79a]. **starvation-free** [AJV86, Mor79a]. **Statements** [DL73, KF71a, KF71b]. **states** [KD73]. **Static** [MG73]. **Statistical** [van79b, Yao79a]. **statistics** [KP72]. **Stein** [CM77]. **steps** [CLW80a, Sha79]. **stiff** [Bui77, Bui79, Day80a]. **Stochastic** [Bra72]. **Storage** [Bra72, CM79b, EL76, LP76, Rob80, Bro78, Bro79b, Cam74, Chr72, Dew74, Gel71, KHTY78, Kro73, LS82, Loz76, ten80]. **store** [Hoa74]. **stores** [Rem75]. **straight** [Dob82]. **Strassen** [Yuv79, Yuv78]. **strategies** [Bra78]. **Strategy** [Fin72, TW73]. **Streams** [CHCP74, Dij72]. **String** [Gal76, BD80]. **Strong** [GM82, Shi79c, FTM79, Tar82b]. **strongly** [BS79]. **Structural** [Chr76]. **Structure** [Gun82, BR75, CG78, KHTY78, Lao79]. **Structured** [GL75, KS74a, KS74b, Sol74, Zel74, GTY78, Kru79, Var72]. **Structures** [FW76b, FW79a, Lin73, All78, BB76a, CKH79]. **study** [BM77]. **sub** [Boa73]. **sub-AFL** [Boa73]. **Subclass** [FG78, Hug78]. **subclasses** [Sli82]. **subdivision** [LY79]. **Subgraph** [BB76a]. **subgraphs** [Gab76a, OO72]. **subkeys** [BD80]. **subrecursive** [Coy76, Tsi71]. **Subsequence** [Hir78]. **Subsequences** [BWF+79]. **subspaces** [Kit77]. **SUBSTAD** [de 78]. **Substantiable** [PD79]. **Substitution** [de 78, Boa73]. **substrings** [Boo80]. **subtext** [BD80]. **subwords** [ER73]. **sum** [Bac82]. **summations** [Gon78, Gon79]. **support** [DDM+75]. **supporting** [Ghe75]. **swaps** [Ita79b]. **switching** [PS80, PS81]. **Symbolic** [GL75, How78, CPR71]. **symmetric** [BES82]. **symmetrizability** [CM80]. **symmetrizing** [Col79, CM80]. **Synchronization** [DS78, DM79, Lam76, LT75]. **Syntax** [Coh73, BCDL72, EPS82]. **Syntax-directed** [Coh73]. **syntax-free** [EPS82]. **Synthesis** [KP72, Gin82]. **System** [Laz75, Loi79, RBE+72, Sam76, BM77, BKH78, DD76b, FG79, Kar73, Kaw80, Lei80, LC76, Mad77, SY72, Tza72a, Var72, WB79, Zel74]. **Systems** [Bra72, Llo80b, MI73, Szw79, AR79, AR80, Ber82, CRM75a, CRM75b, Cul78, Cza78a, Gra80, Hug78, Ist78, Kob77, Kru79, Llo80a, Mer71, Pri76, Row75, Row77, Roz72a, Roz72c, Roz72b, Roz76a, Tsi72, Win77, Win78, Wür77, vT72, vW80a]. **Szilard** [Pău79].

T [Day80a]. **T0L** [Roz72c, ER73, Roz72b, Von75]. **T0L-systems** [Roz72c, Roz72b]. **Table** [FW76a, FW77, San76]. **Tabular** [Gra79b]. **Tag** [Ist78, Lin73, Han76c]. **Takeuchi** [Moo79]. **tale** [LNS82]. **Tape** [SG77, FS73a].

Tarjan [Ban80]. **Tasks** [LF76, Bła79, Leu79, LM80a]. **technique** [Bar73, HN79, Jak82, Mee76]. **Term** [Fin72]. **Terminals** [Von75]. **Termination** [DS80, LLW79, Moo79]. **tessellation** [NI80]. **test** [Cel79, Che79, Len79]. **Testing** [Gav77, How78, Osb79, APT79, APT82, Bha80, DL78a, Gav75, LD80]. **th** [Urb80]. **Theil** [Yuv77]. **their** [PD79, ten80]. **theorem** [CRM75a, CRM75b, ER73, Kun79, YWL82, YWL85]. **theorems** [ES76, Kob77, LNS82, Paj80]. **Theoretic** [Cza80, Hir78]. **theories** [Kob74]. **Theory** [MG73, GTY78, MS72]. **There** [AKS78]. **thirds** [Gel71]. **Three** [BMT79, Ruo75, Bar76, IT80, YWL82, YWL85]. **three-restricted** [YWL82, YWL85]. **three-way** [IT80]. **Thue** [Ist78]. **Time** [Cof73, DR76, Gun82, PV80, UMS82, Abe79, APT79, APT82, BS78, FL82, FS73a, Fra79b, GT78, Gra77b, Gra77c, GL80, Han74, HJ71, Jav77, Jon77, Kaw80, KP72, LM80a, Mis79, PM75, Sli82, van77]. **time-space** [Abe79]. **times** [Bar73, Bła79]. **tool** [DY75, Sli82]. **top** [CKH79]. **Topological** [KS74a, KS74b, Yuv73]. **total** [Sou79]. **Towers** [BL80]. **trade** [Mis79]. **tradeoffs** [Abe79]. **transducers** [Eng78]. **transfer** [BM82]. **Transferences** [HM73]. **transformation** [Hen73]. **Transformational** [Bro80b]. **transformations** [Mat77b]. **transformer** [Fra77, MC80]. **Transforms** [Fey76, Ita79b]. **Transition** [Tsu78, Nie75a]. **Transitive** [Cof73, Mun71]. **translations** [Cul79]. **translator** [SY72]. **transportable** [WB79]. **Traversal** [Ada73]. **Traversing** [Dwy73, Mor79b, Rob73, Sik72]. **Tree** [Ada73, Cam78, Dwy73, NM82, Roh78, BN78a, BN78b, Bre80, CGH75, CRT79, Eng78, KA75, Kru79, Kun76, Kun77, Kun79, Rei79a, Sel77, Var72]. **tree-structured** [Kru79]. **tree-to-tree** [Sel77]. **Trees** [Bof73, CC75, Joh75, MOS76, Min73, NW78, NPWY72, Sam76, SF79, Wes76, Bay72, BS75, Bro78, Bro79b, Bro79c, Cla75, DKZ77, Eng72, FZ82, HR76, Kor82, MT75, MH79, Mor79b, Rob73, Ros79, Rot75, Sik72, Tar82c, Tar86, Weg75, Yao75a, Yao75b, Zak82]. **Triangulating** [GJPT78]. **triangulation** [MZ79]. **tribute** [Ano78]. **Tries** [Ore82]. **truth** [APT79, APT82]. **Tsao** [Bin82]. **Tuning** [LR80]. **Turing** [Dei74, SK77, SS77]. **Two** [Akl79, Bir77, Gal76, Har79a, Har79b, ITN78, KM79, Kob77, UMS82, And79, And80, AR79, Bac82, Byk78, CT73, DS79, ER79a, ER80, FS73a, Fou79, Fre80, Gel71, IT80, Ita79b, Jon77, NI80, Ov80, Paj80, Ple79, Row75, Row77]. **Two-Dimensional** [ITN78, Fre80, IT80, NI80]. **two-processor** [AR79, Row75, Row77]. **two-thirds** [Gel71]. **Two-Way** [UMS82, Jon77]. **Type** [Gun82, SG77, Ber78, FG79, Kar73, PL79, Rot75]. **typed** [BS79]. **Types** [Han75, BS79, Lau80].

UET [Llo80a, vW80a, Leu79, Llo80b]. **Ullman** [Yao79a]. **unbounded** [BY76]. **undecidability** [Roz72a]. **undecidable** [Roz72c, Roz72b]. **Understanding** [PR77]. **undirected** [Ebe80]. **unicyclic** [MH79]. **Unification** [de 78]. **uniformly** [LR74]. **unilaterally** [Arj76, Che78]. **unintentional** [Bak72]. **Union** [DR76, Ban80, Lao79]. **Union-Find** [DR76, Lao79]. **unique** [MN72]. **Unit** [LF76, Coh73]. **Unit-Length** [LF76]. **United** [BS79]. **Universal** [Han75, Her73, Zuc77]. **universally** [SK77]. **unpredictability** [HB77]. **unravelling** [DY75]. **unsolvability** [Gra79a]. **unstructured** [Oul79]. **Update** [Joh75]. **upper** [Kun73, Nie75b]. **use** [Cam74, OO72, PL79]. **Used** [Arn74, Ore82, Var72]. **Users** [Sam76]. **Using** [CM79b, GW78, HG77, Mak79, MOS76, Akr79, Han74, Hor72a, Hor72b, KM79, Sch78, Tar82b, Tes79, Yuv76a].

V [SG77]. **V-Tape** [SG77]. **valuation**

[Kun79]. **value** [Kun79, Wha72]. **Values** [Gra77a, Gra79b, Mee76]. **Variables** [MAP76, HJ71]. **variant** [Dei74, Han76c]. **Variation** [Dob80]. **Variational** [dd76a]. **Vector** [Kam75, MRK76, Avi80, CRM75a, CRM75b, DV76, Gra80, Hug78, Jak78, Jak82, Jan79, van80]. **vector-addition** [CRM75a, CRM75b]. **vector-products** [DV76]. **Vector/Parallel** [MRK76]. **vectors** [Dev80, Teu78]. **verification** [PL79]. **Verifier** [GL75]. **verifying** [WS82]. **versus** [Roz76a]. **Vertex** [Sri74, Sri75, SG79]. **vertices** [GT78]. **Very** [MOS76]. **via** [Dev80, Han80, LR80]. **Virtual** [SG77, Sta71]. **VLSI** [Joh80, PV80]. **Voronoi** [Bro79a].

Waite [Der80]. **Warren** [Dob78a]. **Way** [UMS82, IT80, Jon77]. **weak** [Sud77, Sud78, Tar74c]. **Weighted** [NW78, NPWY72]. **Weights** [MTT73, Rei78]. **whether** [Tar72]. **Which** [Bof73, FW76a, FW77, Gal76, Tsu78]. **Within** [BWF+79, Var72]. **Without** [Lin73, Bro72, DL73, Dwy73, Kar71, Red77, Rob73, Ruo75, Sik72]. **word** [Krá72a, Krá72b]. **word-length** [Krá72a, Krá72b]. **words** [ER79a]. **working** [Chr72]. **Workspace** [Fis74]. **worst** [Röh82]. **writer** [BN76]. **writers** [BN78a, BN78b]. **Writing** [Bac82, FW76b, FW79a].

Xcribl [RBE+72].

References

Abelson:1979:NTS

[Abe79] Harold Abelson. A note on time-space tradeoffs for computing continuous functions. *Information Processing Letters*, 8(4):215–217, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Adams:1973:ARB

[Ada73] Edward N. Adams, III. Another representation of binary tree traversal. *Information Processing Letters*, 2(2):52–54, June ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Anderssen:1975:RND

[AG75] R. S. Anderssen and A. J. Guttmann. A rationale for the numerical differentiation of experimental data. *Information Processing Letters*, 4(2):48–50, November ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Annot:1986:CMS

[AJV86] J. K. Annot, M. D. Janssens, and A. J. Van De Goor. Comments on Morris's starvation-free solution to the mutual exclusion problem. *Information Processing Letters*, 23 (2):91–97, August 20, 1986. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Mor79a].

Akl:1978:CGM

[Akl78] S. G. Akl. Comments on: G. Manacher, "An application of pattern matching to a problem in geometrical complexity". *Information Processing Letters*, 7(2):86–??, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Akl:1979:TRC

[Akl79] S. G. Akl. Two remarks on a convex hull algorithm. *Information Processing Letters*, 8(2):108–109, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Akritas:1979:SPE

[Akr79] A. G. Akritas. On the solution of polynomial equations using continued fractions. *Information Processing Letters*, 9(4):182–184, November 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ajtai:1978:TNF

[AKS78] Miklós Ajtai, János Komlós, and Endre Szemerédi. There is no fast single hashing algorithm. *Information Processing Letters*, 7(6):270–273, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Asai:1975:DQB

[AL75] H. Asai and S. C. Lee. Design of queueing buffer register size. *Information Processing Letters*, 3(5): 147–152, May ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Allison:1978:PSN

[All78] L. Allison. Phrase structures, nondeterminism and backtracking. *Information Processing Letters*, 7(3): 139–143, April 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Albert:1977:CCF

[AM77] J. Albert and H. A. Maurer. The class of context-free languages is not an E0L family. *Information Processing Letters*, 6(6):190–195, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Allison:1980:SDP

[AN80] D. C. S. Allison and M. T. Noga. Selection by distributive partitioning. *Information Processing Letters*, 11 (1):7–8, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Anderssen:1972:RPP

[And72] R. S. Anderssen. A refinement procedure for pure random search. *Information Processing Letters*, 1(5): 197–200, October ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Anderson:1978:REA

[And78] Kenneth R. Anderson. A reevaluation of an efficient algorithm for determining the convex hull of a finite planar set. *Information Processing Letters*, 7(1):53–55, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Andrew:1979:AEA

[And79] A. M. Andrew. Another efficient algorithm for convex hulls in two dimensions. *Information Processing Letters*, 9(5):216–219, December 16, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See corrigendum [And80].

Andrew:1980:CAE

[And80] A. M. Andrew. Corrigendum: "Another efficient algorithm for convex hulls in two dimensions" (Inform. Process. Lett. **9** (1979), no. 5, 216–219). *Information Processing Letters*, 10(3):168, April 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [And79].

Angluin:1979:NCM

[Ang79] Dana Angluin. A note on a construction of Margulis. *Information Processing Letters*, 8(1):17–19, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Anonymous:1978:TR

[Ano78] Anonymous. A tribute to referees. *Information Processing Letters*, 7(1):64, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Aspvall:1979:LTA

[APT79] Bengt Aspvall, Michael F. Plass, and Robert Endre Tarjan. A linear-time algorithm for testing the truth of certain quantified Boolean formulas. *Information Processing Letters*, 8(3):121–123, March 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also erratum [APT82].

Aspvall:1982:ELT

[APT82] Bengt Aspvall, Michael F. Plass, and Robert Endre Tarjan. Erratum: "A linear-time algorithm for testing the truth of certain quantified Boolean formulas" [Inform. Process. Lett. **8** (1979), no. 3, 121–123; MR 80b:68050]. *Information Processing Letters*, 14(4):195, June 13, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [APT79].

Arora:1979:MAT

[AR79] R. K. Arora and S. P. Rana. On module assignment in two-processor distributed systems. *Information Processing Letters*, 9(3): 113–117, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Arora:1980:HAP

[AR80] R. K. Arora and S. P. Rana. Heuristic algorithms for process assignment in distributed computing systems. *Information Processing Letters*, 11(4–5):199–203, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Arjomandi:1976:FAU

[Arj76] E. Arjomandi. On finding all unilaterally connected components of a digraph. *Information Processing Letters*, 5(1):8–10, May ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Arnborg:1974:ACM

[Arn74] Stefan Arnborg. Abstract computation model used for a production compiler. *Information Processing Letters*, 3(2):46–50, November ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Arora:1978:EOP

[AS78a] Radha Krishan Arora and R. K. Subramanian. Exploiting the optimal paging algorithms. *Information Processing Letters*, 7(5):233–236, August ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Arora:1978:ODP

[AS78b] Radha Krishan Arora and R. K. Subramanian. An optimal demand prepaging algorithm. *Information Processing Letters*, 7(3):132–136, April 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Akl:1978:IAC

[AT78a] S. G. Akl and G. T. Toussaint. An improved algorithm to check for polygon similarity. *Information Processing Letters*, 7(3):127–128, April 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See addendum [AT79].

Akl:1978:FCH

[AT78b] Selim G. Akl and Godfried T. Toussaint. A fast convex hull algorithm. *Information Processing Letters*, 7(5):219–222, August ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Akl:1979:AIA

[AT79] S. G. Akl and G. T. Toussaint. Addendum to "An improved algorithm to check for polygon similarity". *Information Processing Letters*, 8(3): 157–158, March 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [AT78a].

Avis:1980:CLB

[Avi80] David Avis. Comments on a lower bound for convex hull determination: "On the $\Omega(n \log n)$ lower bound for convex hull and maximal vector determination" by van Emde Boas [Inform. Process. Lett. **10**(3), 18 April 1980, pp. 132–136]. *Information Processing Letters*, 11(3): 126, November 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [van80].

Backhouse:1982:WNS

[Bac82] Ronald Backhouse. Writing a number as the sum of two squares: a new solution. *Information Processing Letters*, 14(1):15–17, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Baker:1972:UOA

[Bak72] J. L. Baker. An unintentional omission from ALGOL 68. *Information Processing Letters*, 1(6):244–245, December ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Banatre:1977:POC

[Ban77] J. P. Banatre. Producing optimised code for coercions. *Information Processing Letters*, 6(2):56–59, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Banachowski:1980:CTR

[Ban80] Lech Banachowski. A complement to Tarjan's result about the lower bound on the complexity of the set union problem. *Information Processing Letters*, 11(2):59–65, October ??, 1980. CODEN IFPLAT.

ISSN 0020-0190 (print), 1872-6119 (electronic).

Barnett:1973:TRC

[Bar73] J. K. R. Barnett. A technique for reducing comparison times in certain applications of the merging method of sorting. *Information Processing Letters*, 2(5):127–128, December ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Barak:1976:PED

[Bar76] A. B. Barak. On the parallel evaluation of division-free arithmetic expressions with fan-in of three. *Information Processing Letters*, 5(1):18–19, May ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bayer:1972:OBT

[Bay72] R. Bayer. Oriented balanced trees and equivalence relations. *Information Processing Letters*, 1(6):226–228, December ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Barrow:1976:SIM

[BB76a] H. G. Barrow and R. M. Burstall. Subgraph isomorphism, matching relational structures and maximal cliques. *Information Processing Letters*, 4(4):83–84, January ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bentley:1976:HPM

[BB76b] Jon Louis Bentley and Walter A. Burkhard. Heuristics for partial-match retrieval data base design. *Information Processing Letters*, 4(5): 132–135, February ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bonuccelli:1979:MND

[BB79] M. A. Bonuccelli and D. P. Bovet. Minimum node disjoint path covering for circular-arc graphs. *Information Processing Letters*, 8(4): 159–161, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bini:1979:LBC

[BC79] Dario Bini and Milvio Capovani. Lower bounds of the complexity of linear algebras. *Information Processing Letters*, 9(1):46–47, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Branquart:1972:CFS

[BCDL72] P. Branquart, J. P. Cardinael, J. P. Delescaille, and J. Lewi. A context-free syntax of ALGOL 68. *Information Processing Letters*, 1(4): 141–148, June ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bini:1979:CAM

[BCRL79] Dario Bini, Milvio Capovani, Francesco Romani, and Grazia Lotti. $O(n^{2.7799})$ complexity for $n \times n$ approximate matrix multiplication. *Information Processing Letters*, 8(5):234–235, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bailey:1980:FSS

[BD80] T. A. Bailey and R. G. Dromey. Fast string searching by finding subkeys

in subtext. *Information Processing Letters*, 11(3):130–133, November 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bentley:1979:DSP

[Ben79] Jon Louis Bentley. Decomposable searching problems. *Information Processing Letters*, 8(5):244–251, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bergstra:1978:WAD

[Ber78] Jan Bergstra. What is an abstract data type? *Information Processing Letters*, 7(1):42–43, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Beretta:1982:MCE

[Ber82] G. Beretta. Monte Carlo estimation of numerical stability in fast algorithms for systems of bilinear forms. *Information Processing Letters*, 14 (4):162–167, June 13, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Best:1979:NPC

[Bes79] Eike Best. A note on the proof of a concurrent program. *Information Processing Letters*, 9(3):103–104, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Barlow:1982:PMD

[BES82] R. H. Barlow, D. J. Evans, and J. Shanehchi. Parallel multisection for the determination of the eigenvalues of symmetric quindiagonal matrices. *Information Processing Letters*, 14(3):117–118, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bhat:1980:CTG

[Bha80] Kabekode V. S. Bhat. On the complexity of testing a graph for n-cube. *Information Processing Letters*, 11 (1):16–19, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bini:1982:RPN

[Bin82] Dario Bini. Reply to the paper: "The numerical instability of Bini's algorithm" [Inform. Process. Lett. **12** (1981), no. 1, 17–19; MR 82i:65029] by N. K. Tsao. *Information Processing Letters*, 14(3):144–145, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Tsa81].

Bird:1977:TDP

[Bir77] R. S. Bird. Two dimensional pattern matching. *Information Processing Letters*, 6(5):168–170, October ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Brandwajn:1978:ASR

[BKH78] A. Brandwajn, Ph. Kruchten, and J. A. Hernandez. ARCADE: a system for research and education in computer architecture. *Information Processing Letters*, 7(2):78–85, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bongiovanni:1978:CRG

[BL78] G. Bongiovanni and F. Luccio. On Cahit's result on graceful permutations. *Information Processing Letters*, 7(4):183–184, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Buneman:1980:THP

[BL80] Peter Buneman and Leon Levy. The Towers of Hanoi problem. *Information Processing Letters*, 10(4–5): 243–244, July 5, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Blazewicz:1977:SAM

[Bła77] J. Błazewicz. Simple algorithms for multiprocessor scheduling to meet deadlines. *Information Processing Letters*, 6(5):162–164, October ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Blazewicz:1979:DST

[Bła79] Jacek Błażewicz. Deadline scheduling of tasks with ready times and resource constraints. *Information Processing Letters*, 8(2):60–63, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Borodin:1971:EPM

[BM71] A. Borodin and I. Munro. Evaluating polynomials at many points. *Information Processing Letters*, 1 (2):66–68, July ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Brandwajn:1977:SPD

[BM77] A. Brandwajn and B. Mouneix. A study of a page-on-demand system. *Information Processing Letters*, 6 (4):125–132, August ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bentley:1979:NEN

[BM79] Jon Louis Bentley and Hermann A. Maurer. A note on Euclidean near neighbor searching in the plane. *Information Processing Letters*, 8(3): 133–136, March 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bergstra:1982:STL

[BM82] J. A. Bergstra and J.-J. Ch. Meyer. A simple transfer lemma for algebraic specifications. *Information Processing Letters*, 14(2):80–85, April 20, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bohm:1980:CBE

[BMS80] Corrado Böhm, Antonio Machì, and Giovanna Sontacchi. Complexity bounds for equivalence and isomorphism of Latin squares. *Information Processing Letters*, 10(4–5):231–233, July 5, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bertoni:1979:TEA

[BMT79] Alberto Bertoni, Giancarlo Mauri, and Mauro Torelli. Three efficient algorithms for counting problems. *Information Processing Letters*, 8 (1):50–53, January 2, 1979. CODEN

IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Boari:1976:SPD

[BN76] M. Boari and A. Natali. Some properties of deadlock detection and recovery in readers' and writers' problems. *Information Processing Letters*, 5(4):118–123 (or 118–122??), October ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Boari:1978:EMA

[BN78a] M. Boari and A. Natali. Erratum: "Multiple access to a tree in the context of readers and writers problem". *Information Processing Letters*, 7(4):207, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [BN78b].

Boari:1978:MAT

[BN78b] M. Boari and A. Natali. Multiple access to a tree in the context of readers and writers problem. *Information Processing Letters*, 7(2):112–121, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [BN78a].

Boasson:1973:ISC

[Boa73] L. Boasson. The inclusion of the substitution closure of linear and one-counter languages in the largest sub-AFL of the family of algebraic languages is proper. *Information Processing Letters*, 2(5):135–140, December ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bochmann:1976:CMD

[Boc76] G. V. Bochmann. Comments on monitor definition and implementation. *Information Processing Letters*, 5(4):116–117, October ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Boffey:1973:AMR

[Bof73] T. B. Boffey. Applying the minimax rule over graphs which are not trees. *Information Processing Letters*, 2(3):79–81, August ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Booth:1980:LLC

[Boo80] Kellogg S. Booth. Lexicographically least circular substrings. *Information Processing Letters*, 10(4–5):240–242, July 5, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Banerjee:1975:DLD

[BR75] J. Banerjee and V. Rajaraman. A dual link data structure for random file organization. *Information Processing Letters*, 4(3):64–69, December ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Brandstetter:1972:SRS

[Bra72] A. Brandstetter. Storage requirements in stochastic data acquisition systems. *Information Processing Letters*, 1(6):217–219, December ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bratko:1978:PCS

[Bra78] I. Bratko. Proving correctness of strategies in the AL1 assertional language. *Information Processing Letters*, 7(5):223–230, August ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Brent:1980:ABT

[Bre80] R. P. Brent. On the area of binary tree layouts. *Information Processing Letters*, 11(1):46–48, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bron:1972:OMB

[Bro72] C. Bron. Outline of a machine without branch instructions. *Information Processing Letters*, 1(3):117–119, February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Brown:1978:SSH

[Bro78] M. R. Brown. A storage scheme for height-balanced trees. *Information Processing Letters*, 7(5):231–232, August ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See addendum [Bro79b].

Brown:1979:VDC

[Bro79a] Kevin Q. Brown. Voronoi diagrams from convex hulls. *Information Processing Letters*, 9(5):223–228, December 16, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Brown:1979:ASS

[Bro79b] M. R. Brown. Addendum to "A storage scheme for height-balanced trees". *Information Processing Letters*, 8(3):154–156, March 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Bro78].

Brown:1979:SOR

[Bro79c] M. R. Brown. Some observations on random 2-3 trees. *Information Processing Letters*, 9(2):57–59, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Brown:1980:IBL

[Bro80a] Donna J. Brown. An improved BL lower bound. *Information Processing Letters*, 11(1):37–39, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Broy:1980:TSC

[Bro80b] M. Broy. Transformational semantics for concurrent programs. *Information Processing Letters*, 11(2): 87–91, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bentley:1975:ARS

[BS75] J. L. Bentley and D. F. Stanat. Analysis of range searches in quad trees. *Information Processing Letters*, 3(6):170–173, July ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bentley:1978:DCL

[BS78] J. L. Bentley and M. I. Shamos. Divide and conquer for linear expected time. *Information Processing Letters*, 7(2):87–91, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Berry:1979:UDR

[BS79] D. M. Berry and R. L. Schwartz. United and discriminated record types in strongly typed languages. *Information Processing Letters*, 9 (1):13–18, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bentley:1977:CFF

[BSW77] Jon L. Bentley, Donald F. Stanat, and E. Hollins Williams, Jr. The complexity of finding fixed-radius near neighbors. *Information Processing Letters*, 6(6):209–212, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Buda:1979:GSM

[Bud79] A. Buda. Generalized ^{1,5} sequential machine maps. *Information Processing Letters*, 8(1):38–40, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bui:1977:SMS

[Bui77] T. D. Bui. On an L-stable method for stiff differential equations. *Information Processing Letters*, 6(5): 158–161, October ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [Bui79] and comments [Day80a].

Bui:1979:ESM

[Bui79] T. D. Bui. Erratum: "On an L-stable method for stiff differential equations". *Information Processing Letters*, 8(4):218, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Bui77, Day80a].

Burton:1978:CSD

[Bur78] W. Burton. Comments on: Sorting by distributive partitioning. *Information Processing Letters*, 7(4): 205–206, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Dob78b, Dob78a, HK79].

Brouwer:1982:NMK

[Bv82] Andries E. Brouwer and Peter van Emde Boas. A note on: "Master keys for group sharing" [Inform. Process. Lett. **12** (1981), no. 1, 23–25; MR 82d:94046] by D. E. Denning and F. B. Schneider. *Information Processing Letters*, 14(1):12–14, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [DS81].

Broy:1979:MSP

[BWF+79] M. Broy, M. Wirsing, J.-P. Finance, A. Quéré, and J.-L. Remy. Methodical solution of the problem of ascending subsequences of maximum length within a given sequence. *Information Processing Letters*, 8 (5):224–229, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bentley:1976:AOA

[BY76] J. L. Bentley and A. Chi-Chih Yao. An almost optimal algorithm for unbounded searching. *Information Processing Letters*, 5(3):82–87, August ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Bykat:1978:CHF

[Byk78] A. Bykat. Convex hull of a finite set of points in two dimensions. *Information Processing Letters*, 7(6): 296–298, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also comments [DS79, Fou79, Ov80].

Bykat:1979:PS

[Byk79] A. Bykat. On polygon similarity. *Information Processing Letters*, 9(1): 23–25, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cahit:1977:RGP

[Cah77] I. Cahit. Realization of graceful permutation by a shuffle-exchange network. *Information Processing Letters*, 6(5):171–173, October ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Campbell:1974:OUS

[Cam74] J. A. Campbell. Optimal use of storage in a simple model of garbage collection. *Information Processing Letters*, 3(2):37–38, November ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Camerini:1978:MMS

[Cam78] P. M. Camerini. The min-max spanning tree problem and some extensions. *Information Processing Letters*, 7(1):10–14, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cahit:1975:GNS

[CC75] I. Cahit and R. Cahit. On the graceful numbering of spanning trees. *Information Processing Letters*, 3(4): 115–118, March ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Caviness:1978:NCA

[CE78] B. F. Caviness and H. I. Epstein. A note on the complexity of algebraic differentiation. *Information Processing Letters*, 7(2):122–124, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cellary:1979:NST

[Cel79] Wojciech Cellary. A new safety test for deadlock avoidance. *Information Processing Letters*, 8(3): 115–120, March 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Carroll:1972:ACA

[CFG72] J. M. Carroll, W. Fraser, and G. Gill. Automatic content analysis in an on-line environment. *Information Processing Letters*, 1(4): 134–140, June ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cunningham:1976:NSD

[CG76] R. J. Cunningham and M. E. J. Gilford. A note on the semantic definition of side effects. *Information Processing Letters*, 4(5):118–120, February ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Clark:1978:NSL

[CG78] D. W. Clark and C. C. Green. A note on shared list structure in LISP. *Information Processing Letters*, 7(6):312–314, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cockayne:1975:LAD

[CGH75] E. Cockayne, S. Goodman, and S. Hedetniemi. A linear algorithm for the domination number of a tree. *Information Processing Letters*, 4(2):41–44, November ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cooprider:1974:ISS

[CHCP74] Lee W. Cooprider, F. Heymans, P. J. Courtois, and David L. Parnas. Information streams sharing a finite buffer: Other solutions. *Information Processing Letters*, 3(1):16–21, July ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cheston:1978:CUC

[Che78] G. A. Cheston. A correction to a unilaterally connected components algorithm. *Information Processing Letters*, 7(2):125–??, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cherniavsky:1979:FTD

[Che79] J. C. Cherniavsky. On finding test data sets for loop free programs. *Information Processing Letters*, 8(2): 106–107, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Chor:1982:AFF

[Cho82] Ben-Zion Chor. Arithmetic of finite fields. *Information Processing Letters*, 14(1):4–6, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Chroust:1972:EEM

[Chr72] G. Chroust. Expression evaluation with minimum average working storage. *Information Processing Letters*, 1(3):111–114, February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Christensen:1975:CME

[Chr75] R. Christensen. Crossvalidation: Minimizing the entropy of the future. *Information Processing Letters*, 4(3):73–76, December ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Chrobot:1976:LLC

[Chr76] Stanislaw Chrobot. Layer — a language construction for concurrent structural program design. *Information Processing Letters*, 4(5):113–117, February ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cohen:1977:ASC

[CK77] J. Cohen and J. Katcoff. Automatic solution of a certain class of combinatorial problems. *Information Processing Letters*, 6(4):101–104, August ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cherniavsky:1979:NCT

[CKH79] John C. Cherniavsky, John Keohane, and Peter B. Henderson. A note concerning top down program development and restricted exit control structures. *Information Processing Letters*, 9(1):8–12, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Calmet:1980:IRP

[CL80] J. Calmet and R. Loos. An improvement of Rabin's probabilistic algorithm for generating irreducible polynomials over GF(p). *Information Processing Letters*, 11(2):94–95, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Clark:1975:FAC

[Cla75] D. W. Clark. A fast algorithm for copying binary trees. *Information Processing Letters*, 4(3):62–63, December ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Chung:1980:MNS

[CLW80a] K. M. Chung, F. Luccio, and C. K. Wong. Minimum number of steps for permutation in a bubble memory. *Information Processing Letters*, 11(2):81–83, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Chung:1980:NPA

[CLW80b] K. M. Chung, F. Luccio, and C. K. Wong. A new permutation algorithm for bubble memories. *Information Processing Letters*, 10(4–5): 226–230, July 5, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Camerini:1975:BMI

[CM75] P. M. Camerini and F. Maffioli. Bounds for 3-matroid intersection problems. *Information Processing Letters*, 3(3):81–83, January ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Collins:1977:APS

[CM77] George E. Collins and David R. Musser. Analysis of the Pope–Stein division algorithm. *Information Processing Letters*, 6(5):151–155, October ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Chandy:1979:DAP

[CM79a] K. M. Chandy and J. Misra. Deadlock absence proofs for networks of communicating processes. *Information Processing Letters*, 9(4):185–189, November 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Culik:1979:SIS

[CM79b] K. Culik, II and H. A. Maurer. Secure information storage and retrieval using new results in cryptography. *Information Processing Let-*

ters, 8(4):181–186, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Colbourn:1980:CCP

[CM80] Charles J. Colbourn and Brendan D. McKay. A correction to Colbourn's paper on the complexity of matrix symmetrizability: "The complexity of symmetrizing matrices" [Inform. Process. Lett. **9** (1979), no. 3, 108–109; MR 81a:68045]. *Information Processing Letters*, 11(2):96–97, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Col79].

Cremers:1973:NLR

[CMM73] A. B. Cremers, H. A. Maurer, and O. Mayer. A note on leftmost restricted random context grammars. *Information Processing Letters*, 2 (2):31–33, June ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Coffy:1973:CTC

[Cof73] Joel Coffy. On computing the time complexity of transitive closure algorithms. *Information Processing Letters*, 2(2):39–42, June ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cohen:1973:SDU

[Coh73] J. Cohen. Syntax-directed unit conversion. *Information Processing Letters*, 2(4):100–102, October ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cohen:1975:IND

[Coh75] Jacques Cohen. Interpretation of non-deterministic algorithms in higher-level languages. *Information Processing Letters*, 3(4):104–109, March ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Colbourn:1979:CSM

[Col79] Charles J. Colbourn. The complexity of symmetrizing matrices. *Information Processing Letters*, 9(3): 108–109, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also correction [CM80].

Corneil:1971:ADB

[Cor71] D. G. Corneil. An n^2 algorithm for determining the bridges of a graph. *Information Processing Letters*, 1 (2):51–55, July ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Coy:1976:LMP

[Coy76] Wolfgang Coy. The logical meaning of programs of a subrecursive language. *Information Processing Letters*, 4(5):121–126, February ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Caviness:1971:ELC

[CPR71] B. F. Caviness, P. L. Pollack, and C. M. Rubald. An existence lemma for canonical forms in symbolic mathematics. *Information Processing Letters*, 1(2):45–46, July ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Crespi-Reghizzi:1975:DTC

[CRM75a] S. Crespi-Reghizzi and D. Mandrioli. A decidability theorem for a class of vector-addition systems. *Information Processing Letters*, 3(3): 78–80, January ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [CRM75b].

Crespi-Reghizzi:1975:EDT

[CRM75b] S. Crespi-Reghizzi and D. Mandrioli. Erratum: "A decidability theorem for a class of vector-addition systems". *Information Processing Letters*, 3(5):164, May ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [CRM75a].

Crespi-Reghizzi:1978:CGG

[CRM78] Stefano Crespi-Reghizzi and Dino Mandrioli. A class of grammar generating non-counting languages. *Information Processing Letters*, 7(1): 24–26, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Cockayne:1979:AME

[CRT79] E. J. Cockayne, F. Ruskey, and A. G. Thomason. An algorithm for the most economic link addition in a tree communications network. *Information Processing Letters*, 9(4):171–175, November 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Chin:1977:FEE

[CS77] F. Chin and K. Steiglitz. A fast error evaluation algorithm for polynomial approximation. *Information Processing Letters*, 6(1):18–21, February ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Coffman:1973:NRP

[CT73] E. G. Coffman, Jr. and C. J. M. Turnbull. A note on the relative performance of two disk scanning policies. *Information Processing Letters*, 2(1):15–17, March ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Culik:1978:DLC

[Cul78] Karel Culik, II. The decidability of ν-local catenativity and of other properties of D0L systems. *Information Processing Letters*, 7(1):33–35, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Culik:1979:SDR

[Cul79] K. Culik, II. Some decidability results about regular and pushdown translations. *Information Processing Letters*, 8(1):5–8, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Czaja:1978:IAP

[Cza78a] L. Czaja. Implementation approach to parallel systems. *Information Processing Letters*, 7(5):244–249, August ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Czaja:1978:PIP

[Cza78b] Ludwik Czaja. Parallel implementation of path expressions. *Infor-*

mation Processing Letters, 7(6):291–295, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Czaja:1979:SPP

[Cza79] Ludwik Czaja. A specification of parallel problems. *Information Processing Letters*, 8(4):162–167, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Czaja:1980:DFP

[Cza80] Ludwik Czaja. Deadlock and fairness in parallel schemas: a set-theoretic characterization and decision problems. *Information Processing Letters*, 10(4–5):234–239, July 5, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Day:1980:CSM

[Day80a] J. D. Day. Comments on: "On an L-stable method for stiff differential equations" [Inform. Process. Lett. **6** (1977), no. 5, 158–161; MR **56** #10015] by T. D. Bui. *Information Processing Letters*, 11(1):31–32, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Bui77, Bui79].

Day:1980:ISR

[Day80b] J. D. Day. On the internal S-stability of Rosenbrock methods. *Information Processing Letters*, 11(1): 27–30, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

deWolf:1975:NMS

[dd75] S. de Wolf and G. de Mey. Numerical methods for solving integral equations of potential problems. *Information Processing Letters*, 3(4): 121–124, March ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

deWolf:1976:NSI

[dd76a] S. de Wolf and G. de Mey. Numerical solution of integral equations for potential problems by a variational principle. *Information Processing Letters*, 4(5):136–139, February ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Delcour:1976:EAC

[DD76b] K. Delcour and A. J. W. Duijvestein. Enclosures: an access control mechanism with applications in parallel programming and other areas of system programming. *Information Processing Letters*, 5(5):125–135, November ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

DalBono:1975:SFS

[DDM+75] Ivan Dal Bono, Mauro Diligenti, Concetta Mosca, Antonio Ricci, and Antonio Villani. A simple FORTRAN support for computer-assisted instruction. *Information Processing Letters*, 3(3):88–90, January ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

deGroote:1975:CQM

[de 75] H. F. de Groote. On the complexity of quaternion multiplication. *In-*

formation Processing Letters, 3(6): 177–179, July ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

deChampeaux:1978:SFS

[de 78] Dennis de Champeaux. SUBSTAD: For fast substitution in LISP, with an application on unification. *Information Processing Letters*, 7(1): 58–62, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Deimel:1974:RCP

[Dei74] L. E. Deimel, Jr. Remark on the computational power of a Turing machine variant. *Information Processing Letters*, 3(2):43–45, November ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Demetrovics:1978:NCK

[Dem78] János Demetrovics. On the number of candidate keys. *Information Processing Letters*, 7(6):266–269, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Demolombe:1982:GDR

[Dem82] R. Demolombe. Generalized division for relational algebraic language. *Information Processing Letters*, 14(4): 174–178, June 13, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Dershowitz:1979:NSO

[Der79] Nachum Dershowitz. A note on simplification orderings. *Information Processing Letters*, 9(5):212–215, December 16, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Dershowitz:1980:SMA

[Der80] N. Dershowitz. The Schorr–Waite marking algorithm revisited. *Information Processing Letters*, 11(3): 141–143, November 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Devroye:1980:NFC

[Dev80] Luc Devroye. A note on finding convex hulls via maximal vectors. *Information Processing Letters*, 11(1): 53–56, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Dewar:1974:SMS

[Dew74] Robert B. K. Dewar. A stable minimum storage sorting algorithm. *Information Processing Letters*, 2(6): 162–164, April ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Dijkstra:1972:ISS

[Dij72] E. W. Dijkstra. Information streams sharing a finite buffer. *Information Processing Letters*, 1(5):179–180, October ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Deo:1977:GLG

[DKP77] Narsingh Deo, M. S. Krishnamoorthy, and Ajit B. Pai. Generalizations of line graphs and applications. *Information Processing Letters*, 6(1): 14–17, February ??, 1977. CODEN

IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Dinic:1977:NTS

[DKZ77] E. A. Dinic, A. K. Kelmans, and M. A. Zaitsev. Nonisomorphic trees with the same T-polynomial. *Information Processing Letters*, 6(3): 73–76, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Devillers:1973:RPN

[DL73] R. Devillers and G. Louchard. Realization of Petri nets without conditional statements. *Information Processing Letters*, 2(4):105–107, October ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

DeMillo:1978:PRA

[DL78a] R. A. DeMillo and R. J. Lipton. A probabilistic remark on algebraic program testing. *Information Processing Letters*, 7(4):193–195, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Devillers:1978:GMA

[DL78b] R. E. Devillers and P. E. Lauer. A general mechanism for avoiding starvation with distributed control. *Information Processing Letters*, 7(3): 156–158, April 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Dobkin:1979:LPL

[DLR79] David Dobkin, Richard J. Lipton, and Steven P. Reiss. Linear programming is log-space hard for P. *Information Processing Letters*, 8 (2):96–97, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

DeMillo:1979:ICS

[DM79] R. A. De Millo and R. E. Miller. Implicit computation of synchronization primitives. *Information Processing Letters*, 9(1):35–38, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Dobosiewicz:1978:ARW

[Dob78a] W. Dobosiewicz. Author's reply to Warren Burton's comments on distributive partitioning sorting. *Information Processing Letters*, 7(4):206, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Bur78, HK79].

Dobosiewicz:1978:SDP

[Dob78b] Włodzimierz Dobosiewicz. Sorting by distributive partitioning. *Information Processing Letters*, 7(1): 1–6, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See debate [Bur78, HK79, Dob79].

Dobosiewicz:1979:PSD

[Dob79] Włodzimierz Dobosiewicz. The practical significance of D.P. sort revisited. *Information Processing Letters*, 8(4):170–172, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). This paper rebuts comments [HK79] on the original paper [Dob78b].

Dobosiewicz:1980:EVB

[Dob80] Włodzimierz Dobosiewicz. An efficient variation of bubble sort. *Information Processing Letters*, 11(1): 5–6, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Doberkat:1982:AEH

[Dob82] Ernst-E. E. Doberkat. Asymptotic estimates for the higher moments of the expected behavior of straight insertion sort. *Information Processing Letters*, 14(4):179–182, June 13, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Duske:1976:PRI

[DPS76] J. Duske, R. Parchmann, and H. Schumacher. A pattern representation of indexed languages. *Information Processing Letters*, 5(5):152–154, November ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Doyle:1976:LET

[DR76] Jon Doyle and Ronald L. Rivest. Linear expected time of a simple union-find algorithm. *Information Processing Letters*, 5(5):146–148, November ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Dolev:1978:CRS

[DS78] Danny Dolev and Eliahu Shamir. Commutation relations of slices characterize some synchronization primitives. *Information Processing Letters*, 7(1):7–9, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Devai:1979:CCH

[DS79] F. Dévai and T. Szendrényi. Comments on convex hull of a finite set of points in two dimensions. *Information Processing Letters*, 9(3): 141–142, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Byk78, Fou79, Ov80].

Dijkstra:1980:TDD

[DS80] Edsger W. Dijkstra and C. S. Scholten. Termination detection for diffusing computations. *Information Processing Letters*, 11(1):1–4, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Denning:1981:MKG

[DS81] Dorothy E. Denning and Fred B. Schneider. Master keys for group sharing. *Information Processing Letters*, 12(1):23–25, February 13, 1981. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also note [Bv82].

Dasgupta:1975:MCM

[DT75] Subrata Dasgupta and John Tartar. On the minimization of control memories. *Information Processing Letters*, 3(3):71–74, January ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Dobkin:1976:CV

[DV76] D. Dobkin and J. Van Leeuwen. The complexity of vector-products. *Information Processing Letters*, 4(6): 149–154, March ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Dwyer:1973:SAT

[Dwy73] Barry Dwyer. Simple algorithms for traversing a tree without an auxiliary stack. *Information Processing Letters*, 2(5):143–145, December ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Duncan:1975:LUP

[DY75] A. G. Duncan and L. Yelowitz. Loop unravelling: a practical tool in proving program correctness. *Information Processing Letters*, 4(3):70–72, December ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Dyer:1980:FPA

[Dye80] Charles R. Dyer. A fast parallel algorithm for the closest pair problem. *Information Processing Letters*, 11 (1):49–52, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Duncan:1971:PSS

[DZ71] F. G. Duncan and D. Zissos. Programmed simulation of sequential circuits. *Information Processing Letters*, 1(1):4–6, February ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Eberlein:1979:NMS

[Ebe79] P. J. Eberlein. A note on median selection and spider production. *Information Processing Letters*, 9(1):19–22, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ebert:1980:NOE

[Ebe80] Jürgen Ebert. A note on odd and even factors of undirected graphs. *Information Processing Letters*, 11 (2):70–72, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ehrich:1976:SSR

[EL76] H. D. Ehrich and W. Lipski, Jr. On the storage space requirement of consecutive retrieval with redundancy. *Information Processing Letters*, 4(4):101–104, January ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Edelsbrunner:1982:PIS

[EMK82] H. Edelsbrunner, H. A. Maurer, and D. G. Kirkpatrick. Polygonal intersection searching. *Information Processing Letters*, 14(2):74–79, April 20, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Engelfriet:1972:NIT

[Eng72] J. Engelfriet. A note on infinite trees. *Information Processing Letters*, 1(6):229–232, December ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Engelfriet:1978:TTP

[Eng78] Joost Engelfriet. On tree transducers for partial functions. *Information Processing Letters*, 7(4): 170–172, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Edelsbrunner:1982:ESR

[EO82] Herbert Edelsbrunner and Mark H. Overmars. On the equivalence of some rectangle problems. *Information Processing Letters*, 14(3):124–127, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Elgot:1982:SSA

[EPS82] Calvin C. Elgot, Alan J. Perlis, and Lawrence Snyder. A syntax-free semantics for the APL operators. *Information Processing Letters*, 14(3): 128–131, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ehrenfeucht:1973:LTS

[ER73] A. Ehrenfeucht and G. Rozenberg. A limit theorem for sets of subwords in deterministic T0L languages. *Information Processing Letters*, 2(3): 70–73, August ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ehrenfeucht:1979:FHB

[ER79a] Andrzej Ehrenfeucht and Grzegorz Rozenberg. Finding a homomorphism between two words is NP-complete. *Information Processing Letters*, 9(2):86–88, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ehrenfeucht:1979:OSG

[ER79b] Andrzej Ehrenfeucht and Grzegorz Rozenberg. An observation on scattered grammars. *Information Processing Letters*, 9(2):84–85, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ehrenfeucht:1980:EIT

[ER80] A. Ehrenfeucht and G. Rozenberg. On the emptiness of the intersection of two D0S languages problem. *Information Processing Letters*, 10(4–5):223–225, July 5, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Erkio:1980:IMS

[Erk80] H. Erkio. Internal merge sorting with delayed selection. *Information Processing Letters*, 11(3):137–140, November 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ershov:1977:PCP

[Ers77] A. P. Ershov. On the partial computation principle. *Information Processing Letters*, 6(2):38–41, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Engelfriet:1976:CT

[ES76] J. Engelfriet and S. Skyum. Copying theorems. *Information Processing Letters*, 4(6):157–161, March ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Endres:1977:FOP

[ES77] A. Endres and H.-G. Stork. FIFO-optimal placement on pages of independently referenced sectors. *Information Processing Letters*, 6(2): 46–49, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

FarinasDelCerro:1982:SDM

[Far82] L. Fariñas Del Cerro. A simple deduction method for modal logic. *Information Processing Letters*, 14(2): 49–51, April 20, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Feyock:1976:NTE

[Fey76] Stefan Feyock. Noiselike transforms of ω-events. *Information Processing Letters*, 4(4):105–108, January ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Friedman:1978:ESC

[FG78] E. P. Friedman and S. A. Greibach. On equivalence and subclass containment problems for deterministic context-free languages. *Information Processing Letters*, 7(6):287–290, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ferrari:1979:DLT

[FG79] M. Ferrari and G. Guida. DB: A LISP-type data base system. *Information Processing Letters*, 9(3): 126–134, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Fortune:1979:NRN

[FH79] Steve Fortune and John Hopcroft. A note on Rabin's nearest-neighbor algorithm. *Information Processing Letters*, 8(1):20–23, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Fridman:1979:ALS

[FHMS79] Felix J. Fridman, Glenn H. Holloway, Naftaly H. Minsky, and Josef Stein. Abstract FOR-loops over several aggregates. *Information Processing Letters*, 8(4):204–206, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Findler:1972:SNH

[Fin72] Nicholas V. Findler. Short note on a heuristic search strategy in long-term memory networks. *Information Processing Letters*, 1(5):191–196, October ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Fisher:1974:BWG

[Fis74] David A. Fisher. Bounded workspace garbage collection in an address-order preserving list processing environment. *Information Processing Letters*, 3(1):29–32, July ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Fournier:1979:CAN

[FK79] Alain Fournier and Zvi Kedem. Comments on the all nearest-neighbor problem for convex polygons. *Information Processing Letters*, 9(3):105–107, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [LP78, YL79].

Fischer:1982:LBT

[FL82] Michael J. Fischer and Nancy A. Lynch. A lower bound for the time

to assure interactive consistency. *Information Processing Letters*, 14(4): 183–186, June 13, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Fournier:1979:CCH

[Fou79] Alain Fournier. Comments on convex hull of a finite set of points in two dimensions [Inform. Process. Lett. **7** (1978), no. 6, 296–298; MR 80b:68041]. *Information Processing Letters*, 8(4):173, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Byk78, DS79, Ov80].

Francez:1977:CFP

[Fra77] N. Francez. A case for a forward predicate transformer. *Information Processing Letters*, 6(6):196–198, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Fraenkel:1979:PSL

[Fra79a] Aviezri S. Fraenkel. Paired sequential lists in a memory interval. *Information Processing Letters*, 8(1): 9–10, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Franklin:1979:PLS

[Fra79b] W. Randolph Franklin. Padded lists: set operations in expected $\theta(\log\log N)$ time. *Information Processing Letters*, 9(4):161–166, November 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Frederickson:1980:PAS

[Fre80] Greg N. Frederickson. Probabilistic analysis for simple one- and two-dimensional bin packing algorithms. *Information Processing Letters*, 11 (4–5):156–161, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Floyd:1973:LTT

[FS73a] Robert W. Floyd and Alan J. Smith. A linear time two tape merge. *Information Processing Letters*, 2(5): 123–126 (or 123–125??), December ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Francez:1973:NCC

[FS73b] Nissim Francez and Giora Slutzky. On the non-compactness of the class of program schemas. *Information Processing Letters*, 2(5):141–142, December ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Fischer:1979:IED

[FTM79] C. N. Fischer, K. C. Tai, and D. R. Milton. Immediate error detection in strong LL(1) parsers. *Information Processing Letters*, 8(5): 261–266, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Friedman:1976:GCH

[FW76a] Daniel P. Friedman and David S. Wise. Garbage collecting a heap which includes a scatter table. *Information Processing Letters*, 5(6):161–164, December ??, 1976. CODEN

IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [FW77].

Friedman:1976:ODI

[FW76b] Daniel P. Friedman and David S. Wise. Output driven interpretation of recursive programs, or writing creates and destroys data structures. *Information Processing Letters*, 5(6):155–160, December ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [FW79a].

Friedman:1977:EGC

[FW77] Daniel P. Friedman and David S. Wise. Erratum: "Garbage Collecting a Heap Which Includes a Scatter Table". *Information Processing Letters*, 6(2):72, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [FW76a].

Friedman:1979:EOD

[FW79a] Daniel P. Friedman and David S. Wise. Erratum: "Output Driven Interpretation of Recursive Programs, or Writing Creates and Destroys Data Structures". *Information Processing Letters*, 9(2):101, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [FW76b].

Friedman:1979:RCC

[FW79b] Daniel P. Friedman and David S. Wise. Reference counting can manage the circular environments of mutual recursion. *Information Processing Letters*, 8(1):41–45, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Franchi-Zannettacci:1982:ETS

[FZ82] Paul Franchi-Zannettacci. An extension to trees of the Sardinas and Patterson algorithm. *Information Processing Letters*, 14(4):168–173, June 13, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gabow:1976:NDC

[Gab76a] H. N. Gabow. A note on degree-constrained star subgraphs of bipartite graphs. *Information Processing Letters*, 5(6):165–167, December ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gabow:1976:SIB

[Gab76b] H. N. Gabow. Some improved bounds on the number of 1-factors of n-connected graphs. *Information Processing Letters*, 5(4):113–115, October ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Galil:1976:TFS

[Gal76] Zvi Galil. Two fast simulations which imply some fast string matching and palindrome-recognition algorithms. *Information Processing Letters*, 4(4):85–87, January ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gavril:1975:ATC

[Gav75] Fanica Gavril. An algorithm for testing chordality of graphs. *Information Processing Letters*, 3(4): 110–112, March ??, 1975. CODEN

IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gavril:1977:TEB

[Gav77] Fanica Gavril. Testing for equality between maximum matching and minimum node covering. *Information Processing Letters*, 6(6):199–202, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gelenbe:1971:TTR

[Gel71] E. Gelenbe. The two-thirds rule for dynamic storage allocation under equilibrium. *Information Processing Letters*, 1(2):59–60, July ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gelenbe:1982:SP

[GG82] E. Gelenbe and D. Gardy. On the size of projections. *Information Processing Letters*, 14(1):18–21, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ghezzi:1975:LGS

[Ghe75] C. Ghezzi. LL(1) grammars supporting an efficient error handling. *Information Processing Letters*, 3 (6):174–176, July ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gurari:1979:SCR

[GI79] Eitan M. Gurari and Oscar H. Ibarra. On the space complexity of recursive algorithms. *Information Processing Letters*, 8(5):267–271, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Goto:1977:PHA

[GIG77] E. Goto, T. Ida, and T. Gunji. Parallel hashing algorithms. *Information Processing Letters*, 6(1):8–13, February ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gini:1982:ASI

[Gin82] Guiseppina Gini. The automatic synthesis of iterative programs. *Information Processing Letters*, 14(2): 67–73, April 20, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Garey:1978:TSP

[GJPT78] M. R. Garey, D. S. Johnson, F. P. Preparata, and R. E. Tarjan. Triangulating a simple polygon. *Information Processing Letters*, 7(4): 175–179, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Galand:1975:SIS

[GL75] S. Galand and C. Loncour. Structured implementation of symbolic execution: a first part in a program verifier. *Information Processing Letters*, 3(4):97–103, March ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gries:1980:CFN

[GL80] David Gries and Gary Levin. Computing Fibonacci numbers (and similarly defined functions) in log time. *Information Processing Letters*, 11

(2):68–69, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gunn:1979:IC

[GM79] Hamish I. E. Gunn and Ronald Morrison. On the implementation of constants. *Information Processing Letters*, 9(1):1–4, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Graham:1982:SER

[GM82] M. H. Graham and A. O. Mendelzon. Strong equivalence of relational expressions under dependencies. *Information Processing Letters*, 14(2): 57–62, April 20, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Germano:1975:SSR

[GMS75] G. Germano and A. Maggiolo-Schettini. Sequence-to-sequence recursiveness. *Information Processing Letters*, 4(1):1–6, September ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gonnet:1978:NDA

[Gon78] G. H. Gonnet. Notes on the derivation of asymptotic expressions from summations. *Information Processing Letters*, 7(4):165–169, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [Gon79].

Gonnet:1979:END

[Gon79] G. H. Gonnet. Erratum to "Notes on the derivation of asymptotic expressions from summations" [Inform. Process. Lett. **7**(4), June 1978, pp. 165–169]. *Information Processing Letters*, 8(1):54, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Gon78].

Gairola:1976:DIS

[GR76] B. K. Gairola and V. Rajaraman. A distributed index sequential access method. *Information Processing Letters*, 5(1):1–5, May ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gonnet:1977:ISS

[GR77] G. H. Gonnet and L. D. Rogers. The interpolation-sequential search algorithm. *Information Processing Letters*, 6(4):136–139, August ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Graham:1972:EAD

[Gra72] R. L. Graham. An efficient algorithm for determining the convex hull of a finite planar set. *Information Processing Letters*, 1(4): 132–133, June ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See note [GS87].

Grant:1977:NVR

[Gra77a] J. Grant. Null values in a relational data base. *Information Processing Letters*, 6(5):156–157, October ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Grant:1977:ARE

[Gra77b] P. W. Grant. Addendum: "Recognition of E0L languages in less than

quatric time". *Information Processing Letters*, 6(6):228, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Gra77c].

Grant:1977:REL

[Gra77c] P. W. Grant. Recognition of E0L languages in less than quatric time. *Information Processing Letters*, 6 (5):174–176 (or 174–175??), October ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See addendum [Gra77b].

Grabowski:1979:USP

[Gra79a] Jan Grabowski. The unsolvability of some Petri net language problems. *Information Processing Letters*, 9(2):60–63, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Grant:1979:PVT

[Gra79b] John Grant. Partial values in a tabular database model. *Information Processing Letters*, 9(2):97–99, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Grabowski:1980:DPV

[Gra80] Jan Grabowski. The decidability of persistence for vector addition systems. *Information Processing Letters*, 11(1):20–23, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gries:1972:PI

[Gri72] D. Gries. Programming by induction. *Information Processing Letters*, 1(3):100–107, February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Guida:1976:SPR

[GS76] Giovanni Guida and Marco Somalvico. Semantics in problem representation and search. *Information Processing Letters*, 5(5):141–145, November ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gries:1987:NGC

[GS87] David Gries and Ivan Stojmenovic. A note on Graham's convex hull algorithm. *Information Processing Letters*, 25(5):323–327, July 10, 1987. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Gra72].

Garey:1978:LTA

[GT78] Michael R. Garey and Robert E. Tarjan. A linear-time algorithm for finding all feedback vertices. *Information Processing Letters*, 7(6): 274–276, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Glushkov:1978:CPT

[GTY78] V. M. Glushkov, G. E. Tseytlin, and E. L. Yushchenko. Certain problems of the theory of structured programs schemes. *Information Processing Letters*, 7(6):256–260, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Gunn:1982:CTT

[Gun82] Hamish I. E. Gunn. Compile time type checking of structure field ac-

cessing. *Information Processing Letters*, 14(1):22–25, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Giegerich:1978:COP

[GW78] Robert Giegerich and Reinhard Wilhelm. Counter-one-pass features in one-pass compilation: a formalization using attribute grammars. *Information Processing Letters*, 7(6): 279–284, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hansal:1974:SDP

[Han74] A. Hansal. 'Software devices' for processing graphs using PL/1 compile time facilities. *Information Processing Letters*, 2(6):171–179, April ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hansen:1975:UTC

[Han75] Per Brinch Hansen. Universal types in Concurrent Pascal. *Information Processing Letters*, 3(6):165–166, July ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hansen:1976:CAL

[Han76a] P. Hansen. A cascade algorithm for the logical closure of a set of binary relations. *Information Processing Letters*, 5(2):50–54, June ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [Han76b].

Hansen:1976:ECA

[Han76b] P. Hansen. Erratum: "A cascade algorithm for the logical closure of a set of binary relations". *Information Processing Letters*, 5(4):124, October ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Han76a].

Hanson:1976:SVB

[Han76c] D. R. Hanson. A simple variant of the boundary-tag algorithm for the allocation of coroutine environments. *Information Processing Letters*, 4(4):109–112 (or 109–111??), January ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hansen:1978:PAO

[Han78] W. J. Hansen. A predecessor algorithm for ordered lists. *Information Processing Letters*, 7(3):137–138, April 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hanson:1980:CIL

[Han80] D. R. Hanson. Code improvement via lazy evaluation. *Information Processing Letters*, 11(4–5):163–167, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Harel:1979:ETR

[Har79a] D. Harel. Erratum: "Two results on process logic". *Information Processing Letters*, 9(3):160, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Har79b].

Harel:1979:TRP

[Har79b] David Harel. Two results on process logic. *Information Processing Letters*, 8(4):195–198, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also erratum [Har79a].

Herschberg:1977:CFA

[HB77] I. S. Herschberg and J. C. A. Boekhorst. Concurrent file access under unpredictability. *Information Processing Letters*, 6(6):203–208, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hellman:1981:ACA

[Hel81] M. E. Hellman. Another cryptanalytic attack on "A cryptosystem for multiple communication" [Inform. Process. Lett. **10**(4–5), 5 July 1980, pp. 180–183]. *Information Processing Letters*, 12(4):182–183, August 13, 1981. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [LM80b, Mei81].

Henhapl:1973:TMG

[Hen73] W. Henhapl. A transformation of marked graphs. *Information Processing Letters*, 2(1):26–29, March ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Henno:1979:DMF

[Hen79] J. Henno. The depth of monotone functions in multivalued logic. *Information Processing Letters*, 8(4): 176–177, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Herman:1973:UCC

[Her73] Gabor T. Herman. On universal computer-constructors. *Information Processing Letters*, 2(3):61–64, August ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hikita:1977:AFP

[HG77] T. Hikita and E. Goto. An $O(N)$ algorithm for finding periodicity of a sequence using hash coding. *Information Processing Letters*, 6(2): 69–71, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hirschberg:1978:ITL

[Hir78] D. S. Hirschberg. An information-theoretic lower bound for the longest common subsequence problem. *Information Processing Letters*, 7(1): 40–41, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Henhapl:1971:RTM

[HJ71] W. Henhapl and C. B. Jones. A run-time mechanism for referencing variables. *Information Processing Letters*, 1(1):14–16, February ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Huits:1979:PSD

[HK79] Martin Huits and Vipin Kumar. The practical significance of distributive partitioning sort. *Information Processing Letters*, 8(4):168–169, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See original paper [Dob78b]

and rebuttal [Dob79], and further debate [Bur78, Dob78a].

Heuer:1973:NSB

[HM73] H. Heuer and I. N. Molchanov. Numerical solution of a boundary problem for equations of elastic equilibrium of bodies in transferences. *Information Processing Letters*, 2(5): 148–151, December ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hitotumatu:1979:TIB

[HN79] Hirosi Hitotumatu and Kohei Noshita. A technique for implementing backtrack algorithms and its application. *Information Processing Letters*, 8(4):174–175, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hoare:1973:GCL

[Hoa73] C. A. R. Hoare. A general conservation law for queueing disciplines. *Information Processing Letters*, 2(3): 82–85, August ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hoare:1974:OSS

[Hoa74] C. A. R. Hoare. Optimization of store size for garbage collection. *Information Processing Letters*, 2(6): 165–166, April ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Horowitz:1972:EFM

[Hor72a] E. Horowitz. Erratum: "A fast method for interpolation using preconditioning". *Information Processing Letters*, 1(5):216, October ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Hor72b].

Horowitz:1972:FMI

[Hor72b] E. Horowitz. A fast method for interpolation using preconditioning. *Information Processing Letters*, 1 (4):157–163, June ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [Hor72a].

Hosono:1975:CSL

[Hos75] Chiharu Hosono. On the cardinality of some lattices. *Information Processing Letters*, 3(3):67–68, January ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Howden:1978:LGS

[How78] W. E. Howden. Lindenmayer grammars and symbolic testing. *Information Processing Letters*, 7(1):36–39, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hyafil:1976:COB

[HR76] L. Hyafil and R. L. Rivest. Constructing optimal binary decision trees is NP-complete. *Information Processing Letters*, 5(1):15–17, May ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Holnapy:1973:GMF

[HSB73] D. Holnapy, M. Szöts, and A. Botár. A generalization of the method of finite differences. *Information Processing Letters*, 2(2):55–59, June ??,

1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hopcroft:1971:ADI

[HT71] J. Hopcroft and R. E. Tarjan. A V^2 algorithm for determining isomorphism of planar graphs. *Information Processing Letters*, 1(1):32–34, February ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Huet:1978:AGB

[Hue78] G. Huet. An algorithm to generate the basis of solutions to homogeneous linear Diophantine equations. *Information Processing Letters*, 7(3):144–147 (or 144–146??), April 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hughes:1978:EVA

[Hug78] Charles E. Hughes. The equivalence of vector addition systems to a subclass of Post canonical systems. *Information Processing Letters*, 7(4): 201–204, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hyafil:1975:ACS

[HV75] L. Hyafil and J. P. Van de Wiele. On the additive complexity of specific polynomials. *Information Processing Letters*, 4(2):45–47, November ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Hennell:1976:PA

[HWH76] M. A. Hennell, M. R. Woodward, and D. Hedley. On program analysis. *Information Processing Letters*, 5(5):136–140, November ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ibarra:1974:NSS

[Iba74] Oscar H. Ibarra. A note on semilinear sets and bounded-reversal multihead pushdown automata. *Information Processing Letters*, 3(1):25–28, July ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Illies:1978:CGA

[Ill78] N. Illies. A counterexample to the generalized Aanderaa-Rosenberg conjecture. *Information Processing Letters*, 7(3):154–155, April 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ibarra:1980:NPC

[IMR80] Oscar H. Ibarra, Shlomo Moran, and Louis E. Rosier. A note on the parallel complexity of computing the rank of order n matrices. *Information Processing Letters*, 11(4–5):162, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Istrail:1978:TSG

[Ist78] S. Istrail. Tag systems generating Thue irreducible sequences. *Information Processing Letters*, 7(3): 129–131, April 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Innes:1976:IAP

[IT76] Donald R. Innes and Shalom Tsur. Interval analysis, pagination and

program locality. *Information Processing Letters*, 5(4):91–96, October ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Inoue:1979:NBP

[IT79a] Katsushi Inoue and Itsuo Takanami. A note on bottom-up pyramid acceptors. *Information Processing Letters*, 8(1):34–37, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Inoue:1979:NCC

[IT79b] Katsushi Inoue and Itsuo Takanami. A note on cyclic closure operations. *Information Processing Letters*, 8 (1):15–16, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Inoue:1980:NDP

[IT80] Katsushi Inoue and Itsuo Takanami. A note on decision problems for three-way two-dimensional finite automata. *Information Processing Letters*, 10(4–5):245–248, July 5, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Itai:1979:RAC

[Ita79a] Alon Itai. A randomized algorithm for checking equivalence of circular lists. *Information Processing Letters*, 9(3):118–121, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Itano:1979:RPS

[Ita79b] K. Itano. Reduction of page swaps on the two dimensional transforms in a paging environment. *Information Processing Letters*, 9(3):137–140, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Inoue:1978:NTF

[ITN78] Katsushi Inoue, Itsuo Takanami, and Akira Nakamura. A note on two-dimensional finite automata. *Information Processing Letters*, 7 (1):49–52, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jaffe:1978:CPC

[Jaf78] J. Jaffe. Counting productions in context-free derivations. *Information Processing Letters*, 7(4):196–200, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jakobsson:1978:HCB

[Jak78] M. Jakobsson. Huffman coding in bit-vector compression. *Information Processing Letters*, 7(6):304–307, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jakobsson:1982:EHB

[Jak82] M. Jakobsson. Evaluation of a hierarchical bit-vector compression technique. *Information Processing Letters*, 14(4):147–149, June 13, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jantzen:1979:NVG

[Jan79] M. Jantzen. A note on vector grammars. *Information Processing Letters*, 8(1):32–33, January 2, 1979.

CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jarvis:1973:ICH

[Jar73] R. A. Jarvis. On the identification of the convex hull of a finite set of points in the plane. *Information Processing Letters*, 2(1):18–21, March ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Javor:1977:ATA

[Jav77] A. Javor. An adaptive time advancement algorithm for discrete simulation. *Information Processing Letters*, 6(3):83–86, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jackson:1974:IPM

[JD74] L. Wayne Jackson and Subrata Dasgupta. The identification of parallel micro-operations. *Information Processing Letters*, 2(6):180–184, April ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jou:1982:CRR

[JF82] Jiann H. Jou and Patrick C. Fischer. The complexity of recognizing 3NF relation schemes. *Information Processing Letters*, 14(4):187–190, June 13, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jarzabek:1975:LRG

[JK75] Stanislaw Jarzabek and Tomasz Krawczyk. LL-regular grammars. *Information Processing Letters*, 4 (2):31–37, November ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jackowski:1979:CSD

[JKS79] Boguslaw L. Jackowski, Ryszard Kubiak, and Stefan Sokołowski. Complexity of sorting by distributive partitioning. *Information Processing Letters*, 9(2):100, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Johnson:1975:PQU

[Joh75] Donald B. Johnson. Priority queues with update and finding minimum spanning trees. *Information Processing Letters*, 4(3):53–57, December ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Johnson:1980:CVA

[Joh80] Robert B. Johnson, Jr. The complexity of a VLSI adder. *Information Processing Letters*, 11(2):92–93, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jones:1977:NLT

[Jon77] N. D. Jones. A note on linear time simulation of deterministic two-way pushdown automata. *Information Processing Letters*, 6(4): 110–112, August ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jonkers:1979:FGC

[Jon79] H. B. M. Jonkers. A fast garbage compaction algorithm. *Information Processing Letters*, 9(1):26–30, July

20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jovanovich:1974:NMF

[Jov74] A. D. Jovanovich. Note on a modification of the fundamental cycles finding algorithm. *Information Processing Letters*, 3(1):33–??, July ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Jammel:1980:ECD

[JS80] Alfons J. Jammel and Helmut G. Stiegler. On expected costs of deadlock detection. *Information Processing Letters*, 11(4–5):229–231, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kang:1975:SPC

[KA75] A. N. C. Kang and D. A. Ault. Some properties of a centroid of a free tree. *Information Processing Letters*, 4(1):18–20, September ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kameda:1975:VRR

[Kam75] T. Kameda. On the vector representation of the reachability in planar directed graphs. *Information Processing Letters*, 3(3):75–77, January ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kanellakis:1980:CCC

[Kan80] Paris C. Kanellakis. On the computational complexity of cardinality constraints in relational databases. *Information Processing Letters*, 11 (2):98–101, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Karlgren:1971:SRS

[Kar71] H. Karlgren. Stacking without really stacking when reducing categorical expressions. *Information Processing Letters*, 1(1):21–22, February ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Karhumaki:1973:EPS

[Kar73] Juhani Karhumäki. An example of a PD2L-system with the growth type 21/2. *Information Processing Letters*, 2(5):131–134, December ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kasyanov:1973:SPF

[Kas73] V. N. Kasyanov. Some properties of fully reducible graphs. *Information Processing Letters*, 2(4):113–117, October ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kawai:1980:FSP

[Kaw80] Hiroya Kawai. A formal system for parallel programs in discrete time and space. *Information Processing Letters*, 11(4–5):204–210, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kaye:1976:GCS

[Kay76] R. Kaye. A Gray Code for set partitions. *Information Processing Letters*, 5(6):171–173, December ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kral:1973:NNS

[KD73] J. Král and J. Demner. A note on the number of states of the De Remer's recognizer. *Information Processing Letters*, 2(1):22–23, March ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Keir:1975:SSR

[Kei75] R. A. Keir. Should the stable rounding rule be radix-dependent? *Information Processing Letters*, 3(6): 188–189, July ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Knuth:1971:ENA

[KF71a] Donald E. Knuth and R. W. Floyd. Erratum: "Notes on avoiding 'go to' statements". *Information Processing Letters*, 1(1):23–31, February ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [KF71b].

Knuth:1971:NAG

[KF71b] Donald E. Knuth and R. W. Floyd. Notes on avoiding "go to" statements. *Information Processing Letters*, 1(1):23–31, February ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [KF71a]. Reprinted in *Writings of the Revolution*, E. Yourdon, ed. (New York: Yourdon Press, 1982), 153–162.

Kambayashi:1978:LSS

[KHTY78] Yahiko Kambayashi, Takaki Hayashi, Yoshikazu Tanaka, and Shuzo Yajima. A linear storage space algorithm for a reference structure index. *Information Processing Letters*, 7(2):66–71, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kinber:1980:IPD

[Kin80] E. B. Kinber. On inclusion problem for deterministic multitape automata. *Information Processing Letters*, 11(3):144–146, November 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kittler:1975:DJD

[Kit75] J. Kittler. On the divergence and the Joshi dependence measure in feature selection. *Information Processing Letters*, 3(5):135–137, May ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kittler:1977:MDC

[Kit77] J. Kittler. A method for determining class subspaces. *Information Processing Letters*, 6(3):77–79, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Koplowitz:1978:MEC

[KJ78] J. Koplowitz and D. Jouppi. A more efficient convex hull algorithm. *Information Processing Letters*, 7(1): 56–57, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Knuth:1972:EOS

[KK72] Donald E. Knuth and E. B. Kaehler. An experiment in optimal sorting. *Information Processing Letters*, 1 (4):173–176, June ??, 1972. CODEN

IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Krzemien:1976:AGL

[KŁ76] Roman Krzemień and Andrezej Łukasiewicz. Automatic generation of lexical analyzers in a compiler-compiler. *Information Processing Letters*, 4(6):165–168, March ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Karayiannis:1978:CDC

[KL78] Andreas Karayiannis and Georghios Loizou. Cycle detection in critical path networks. *Information Processing Letters*, 7(1):15–19, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kessels:1979:TIC

[KM79] J. L. W. Kessels and A. J. Martin. Two implementations of the conditional critical region using a split binary semaphore. *Information Processing Letters*, 8(2):67–71, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kandzia:1980:CBC

[KM80] Peter Kandzia and Margret Mangelmann. On covering Boyce-Codd normal forms. *Information Processing Letters*, 11(4–5):218–223, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Knuth:1977:GDA

[Knu77] Donald E. Knuth. A generalization of Dijkstra's algorithm. *Information Processing Letters*, 6(1):1–5, February ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Knuth:1992:LP

[Knu92] Donald E. Knuth. *Literate Programming*. CSLI Lecture Notes Number 27. Stanford University Center for the Study of Language and Information, Stanford, CA, USA, 1992. ISBN 0-937073-80-6 (paperback), 0-937073-81-4 (hardcover). xvi + 368 pp. LCCN QA76.6 .K644 1992. US$24.95 (paperback), US$59.95 (hardcover). Distributed by the University of Chicago Press.

Ko:1982:SOP

[Ko82] Ker-I Ko. Some observations on the probabilistic algorithms and NP-hard problems. *Information Processing Letters*, 14(1):39–43, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kobayashi:1974:NEE

[Kob74] Kojiro Kobayashi. A note on extending equivalence theories of algorithms. *Information Processing Letters*, 3(2):54–56, November ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kobuchi:1977:TCT

[Kob77] Y. Kobuchi. Two characterization theorems of locally catenative developmental systems. *Information Processing Letters*, 6(4):120–124, August ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Korsh:1982:GNO

[Kor82] J. F. Korsh. Growing nearly optimal binary search trees. *Information Processing Letters*, 14(3):139–143, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Krepyshev:1972:SDO

[KP72] G. B. Krepyshev and Ya. A. Pollack. Synthesis of a discrete-time optimal filter algorithm with reduced sensitivity to deviations of *a priori* statistics. *Information Processing Letters*, 1(5):211–215, October ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Krishnamurthy:1976:NPF

[KR76] M. S. Krishnamurthy and H. R. Ramesha Chandra. A note on precedence functions. *Information Processing Letters*, 4(4):99–100, January ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kral:1972:ENA

[Krá72a] J. Král. Erratum: "A new additive pseudorandom number generator for extremely short word-length". *Information Processing Letters*, 1(5):216, October ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Krá72b].

Kral:1972:NAP

[Krá72b] J. Král. A new additive pseudorandom number generator for extremely short word-length. *Information Processing Letters*, 1(4):164–167, June ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [Krá72a].

Krawczyk:1980:ECM

[Kra80] Tomasz Krawczyk. Error correction by mutational grammars. *Information Processing Letters*, 11(1):9–15, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Krichevsky:1982:LEF

[Kri82] R. E. Krichevsky. Letter to the editor: "A family of codes commutatively equivalent to prefix codes" [Inform. Process. Lett. **12** (1981), no. 1, 1–4; MR 82j:94021] by S. Mauceri and A. Restivo. *Information Processing Letters*, 14(5):238, July 23, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [MR81].

Krogdahl:1973:DSA

[Kro73] Stein Krogdahl. A dynamic storage allocation problem. *Information Processing Letters*, 2(4):96–99, October ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kruijer:1979:SSS

[Kru79] H. S. M. Kruijer. Self-stabilization (in spite of distributed control) in tree-structured systems. *Information Processing Letters*, 8(2):91–95, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Knuth:1974:ESP

[KS74a] Donald E. Knuth and Jayme L. Szwarcfiter. Erratum: "A Structured Program to Generate All Topological Sorting Arrangements". *Information Processing Letters*, 3 (2):64, November ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [KS74b].

Knuth:1974:SPG

[KS74b] Donald E. Knuth and Jayme L. Szwarcfiter. A structured program to generate all topological sorting arrangements. *Information Processing Letters*, 2(6):153–157, April ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [KS74a]. Reprinted with revisions in [Knu92, pp. 91–97].

King:1982:OAS

[KST82] K. N. King and Barbara Smith-Thomas. An optimal algorithm for sink-finding. *Information Processing Letters*, 14(3):109–111, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kucera:1982:PCC

[Kuč82] Luděk Kučera. Parallel computation and conflicts in memory access. *Information Processing Letters*, 14 (2):93–96, April 20, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also erratum and addendum [Kuč83].

Kucera:1983:EAP

[Kuč83] Luděk Kučera. Erratum and addendum to: "Parallel computation and conflicts in memory access" [Inform. Process. Lett. **14** (1982), no. 2, 93–96; MR 83g:68038]. *Information Processing Letters*, 17(2):107, August 24, 1983. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Kuč82].

Kung:1973:NUB

[Kun73] H. T. Kung. A new upper bound on the complexity of derivative evaluation. *Information Processing Letters*, 2(5):146–147, December ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kundu:1976:LAH

[Kun76] S. Kundu. A linear algorithm for the Hamiltonian completion number of a tree. *Information Processing Letters*, 5(2):55–57, June ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kundu:1977:STN

[Kun77] S. Kundu. Sorting tree, nestling tree and inverse permutation. *Information Processing Letters*, 6(3):94–96, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Kundu:1979:IVT

[Kun79] Sukhamay Kundu. An intermediate-value theorem for optimum tree valuation. *Information Processing Letters*, 8(3):141–145, March 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lamport:1976:CSA

[Lam76] L. Lamport. Comments on "A synchronization anomaly". *Information*

Processing Letters, 4(4):88–89, January ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [LT75].

Lao:1979:NDS

[Lao79] Marek J. Lao. A new data structure for the UNION-FIND problem. *Information Processing Letters*, 9(1):39–45, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Laut:1980:SPI

[Lau80] A. Laut. Safe procedural implementations of algebraic types. *Information Processing Letters*, 11(4–5): 147–151, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lawler:1976:NCC

[Law76] E. L. Lawler. A note on the complexity of the chromatic number problem. *Information Processing Letters*, 5(3):66–67, August ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lazos:1975:CSR

[Laz75] Constantine Lazos. A comparison of simulation results and a mathematical model of a multiprogramming system. *Information Processing Letters*, 3(5):127–134, May ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lucena:1976:TSE

[LC76] C. J. Lucena and D. D. Cowan. Toward a system's environment for computer assisted programming. *Information Processing Letters*, 5(2): 35–40, June ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Liu:1980:ATL

[LD80] Lishing Liu and Alan Demers. An algorithm for testing lossless join property in relational databases. *Information Processing Letters*, 11(2): 73–76, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Leipala:1979:GBS

[Lei79] Timo Leipälä. On a generalization of binary search. *Information Processing Letters*, 8(5):230–233, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Leiss:1980:NSS

[Lei80] E. Leiss. A note on a signature system based on probabilistic logic. *Information Processing Letters*, 11(2): 110–113, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lenstra:1979:MPT

[Len79] H. W. Lenstra, Jr. Miller's primality test. *Information Processing Letters*, 8(2):86–88, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Leung:1979:BLS

[Leu79] Joseph Y.-T.-T. Leung. Bounds on list scheduling of UET tasks with restricted resource constraints. *Information Processing Letters*, 9(4):167–170, November 20, 1979. CODEN

IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Levy:1975:COP

[Lev75] M. R. Levy. Complete operator precedence. *Information Processing Letters*, 4(2):38–40, November ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lang:1976:SUL

[LF76] Tomas Lang and Eduardo B. Fernandez. Scheduling of unit-length independent tasks with execution constraints. *Information Processing Letters*, 4(4):95–98, January ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lindstrom:1973:SLS

[Lin73] Gary Lindstrom. Scanning list structures without stacks or tag bits. *Information Processing Letters*, 2 (2):47–51, June ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Linna:1976:DNC

[Lin76] M. Linna. The D0L-ness for context-free languages is decidable. *Information Processing Letters*, 5(5):149–151, November ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lipski:1977:OMP

[Lip77] W. Lipski, Jr. One more polynomial complete consecutive retrieval problem. *Information Processing Letters*, 6(3):91–93, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lloyd:1980:ELS

[Llo80a] E. L. Lloyd. Errata: "List scheduling bounds for UET systems with resources" [Inform. Process. Lett. **10** (1980), no. 1, 28–31; MR 81a:68042]. *Information Processing Letters*, 11 (1):57, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Llo80b].

Lloyd:1980:LSB

[Llo80b] Errol L. Lloyd. List scheduling bounds for UET systems with resources. *Information Processing Letters*, 10(1):28–31, February 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also errata [Llo80a].

Langmaack:1979:FTP

[LLW79] Hans Langmaack, Wolfram Lippe, and Franz Wagner. The formal termination problem for programs with finite ALGOL 68-modes. *Information Processing Letters*, 9(3): 155–159, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lipton:1978:BMC

[LM78] Richard J. Lipton and Raymond E. Miller. A batching method for coloring planar graphs. *Information Processing Letters*, 7(4):185–188, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Leung:1980:NPS

[LM80a] Joseph Y.-T. Leung and M. L. Merrill. A note on preemptive scheduling of periodic, real-time tasks. *Information Processing Letters*, 11(3):

115–118, November 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Luccio:1980:CMC

[LM80b] F. Luccio and S. Mazzone. A cryptosystem for multiple communication. *Information Processing Letters*, 10(4–5):180–183, July 5, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See notes [Mei81, Hel81].

Lassez:1982:FPT

[LNS82] J.-L. Lassez, V. L. Nguyen, and E. A. Sonenberg. Fixed point theorems and semantics: a folk tale. *Information Processing Letters*, 14(3): 112–116, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Loizou:1979:MSD

[Loi79] Georghios Loizou. Mathematical solution for a data processing system. *Information Processing Letters*, 8(5):252–256, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Loizou:1980:CFA

[Loi80] G. Loizou. On a cycle finding algorithm. *Information Processing Letters*, 11(1):33–36, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Loui:1980:NPG

[Lou80] Michael C. Loui. A note on the pebble game. *Information Processing Letters*, 11(1):24–26, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lozinskii:1976:PSO

[Loz76] E. L. Lozinskii. On a problem in storage optimization. *Information Processing Letters*, 5(3):78–80, August ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Luccio:1976:SCR

[LP76] F. Luccio and F. P. Preparata. Storage for consecutive retrieval. *Information Processing Letters*, 5(3): 68–71, August ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lee:1978:ANN

[LP78] D. T. Lee and F. P. Preparata. The all nearest-neighbor problem for convex polygons. *Information Processing Letters*, 7(4):189–192, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [YL79, FK79].

Lee:1974:LSD

[LR74] K. P. Lee and G. Rozenberg. The length sets of D0L languages are uniformly bounded. *Information Processing Letters*, 2(6):185–188, April ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Luque:1980:TAM

[LR80] E. Luque and A. Ripoll. Tuning architecture via microprogramming. *Information Processing Letters*, 11 (2):102–109, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lagarias:1982:MSR

[LS82] J. C. Lagarias and D. E. Swartwout. Minimal storage representations for binary relations. *Information Processing Letters*, 14(2):63–66, April 20, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lipton:1975:SA

[LT75] Richard J. Lipton and Robert W. Tuttle. A synchronization anomaly. *Information Processing Letters*, 3 (3):65–66, January ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See comments [Lam76].

Lukaszewicz:1977:FG

[Łuk77] L. Łukaszewicz. Functional grammars. *Information Processing Letters*, 6(5):146–150, October ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Luk:1979:PMM

[Luk79] W. S. Luk. 'Possible' membership of a multivalued dependency in a relational database. *Information Processing Letters*, 9(2):80–83, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lee:1979:LMP

[LY79] D. T. Lee and C. C. Yang. Location of multiple points in a planar subdivision. *Information Processing Letters*, 9(4):190–193, November 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Lyon:1979:BSS

[Lyo79] Gordon Lyon. Batch scheduling from short lists. *Information Processing Letters*, 8(2):57–59, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

McCallum:1979:LAF

[MA79] Duncan McCallum and David Avis. A linear algorithm for finding the convex hull of a simple polygon. *Information Processing Letters*, 9(5): 201–206, December 16, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Meijer:1980:DAN

[MA80] Henk Meijer and Selim G. Akl. The design and analysis of a new hybrid sorting algorithm. *Information Processing Letters*, 10(4–5):213–218, July 5, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Madsen:1977:EFD

[Mad77] J. Madsen. An experiment in formal definition of operating system facilities. *Information Processing Letters*, 6(6):187–189, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Makarov:1979:UDC

[Mak79] O. M. Makarov. Using duality to compute the pair of matrix products QY and Y^TQ over a commutative ring. *Information Processing Letters*, 8(1):46–49, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Manacher:1976:APM

[Man76a] G. K. Manacher. An application of pattern matching to a problem in geometrical complexity. *Information Processing Letters*, 5(1):6–7, May ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Mandrioli:1976:RCF

[Man76b] D. Mandrioli. n-reconstructability of context-free grammars. *Information Processing Letters*, 5(2):58–62, June ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Marsaglia:1976:IFM

[MAP76] G. Marsaglia, K. Ananthanarayanan, and N. J. Paul. Improvements on fast methods for generating normal random variables. *Information Processing Letters*, 5(2):27–30, June ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Matwin:1977:EIG

[Mat77a] S. Matwin. An experimental investigation of Geschke's method of global program optimization. *Information Processing Letters*, 6(6):177–179, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Matwin:1977:CST

[Mat77b] S. Matwin. On the completeness of a set of transformations optimizing linear programs. *Information Processing Letters*, 6(5):165–167, October ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Mathon:1979:NGI

[Mat79] Rudolf Mathon. A note on the graph isomorphism counting problem. *Information Processing Letters*, 8(3): 131–132, March 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Maurer:1971:SPG

[Mau71] H. A. Maurer. The solution of a problem by Ginsburg. *Information Processing Letters*, 1(1):7–11 (or 7–10??), February ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Mayoh:1972:RS

[May72] B. H. Mayoh. Recursion and stacks. *Information Processing Letters*, 1 (3):115–116, February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Majster-Cederbaum:1980:SRB

[MC80] Mila E. Majster-Cederbaum. A simple relation between relational and predicate transformer semantics for nondeterministic programs. *Information Processing Letters*, 11(4–5): 190–192, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

McColl:1978:MDM

[McC78] W. F. McColl. The maximum depth of monotone formulae. *Information Processing Letters*, 7(2):65–??, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Meertens:1976:SST

[Mee76] L. Meertens. A space-saving technique for assigning ALGOL 68 multiple values. *Information Processing Letters*, 5(4):97–99, October ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Mehlhorn:1976:BLR

[Meh76] K. Mehlhorn. Bracket-languages are recognizable in logarithmic space. *Information Processing Letters*, 5 (6):168–170, December ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Meijer:1981:NCM

[Mei81] H. Meijer. A note on "A cryptosystem for multiple communication" [Inform. Process. Lett. **10**(4–5), 5 July 1980, pp. 180–183]. *Information Processing Letters*, 12(4): 179–181, August 13, 1981. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [LM80b, Hel81].

Merret:1971:GPM

[Mer71] T. H. Merret. General programs for management systems. *Information Processing Letters*, 1(1):17–20, February ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Merret:1977:RPL

[Mer77] T. H. Merret. Relations as programming language elements. *Information Processing Letters*, 6(1): 29–33, February ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Merret:1978:QLS

[Mer78] T. H. Merret. QT logic: simpler and more expressive than predicate calculus. *Information Processing Letters*, 7(6):251–255, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Molchanov:1973:CDS

[MG73] I. N. Molchanov and E. F. Galba. On the convergence of difference schemes approximating a plane static problem of the theory of elasticity with mixed boundary conditions. *Information Processing Letters*, 2(4):118–122, October ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Mitchell:1979:LAE

[MH79] Sandra L. Mitchell and Stephen Hedetniemi. Linear algorithms for edge-coloring trees and unicyclic graphs. *Information Processing Letters*, 9(3):110–112, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Molchanov:1973:OCI

[MI73] I. N. Molchanov and M. F. Iakovlev. On one class of iterative methods for obtaining the generalized solution of non-consistent systems of linear algebraic equations. *Information Processing Letters*, 2(3):86–90, August ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Middleton:1974:COP

[Mid74] A. G. Middleton. Cost-oriented program optimisation. *Informa-*

tion Processing Letters, 2(6):167–170, April ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Minsky:1973:RBT

[Min73] Naftaly H. Minsky. Representation of binary trees on associative memories. *Information Processing Letters*, 2(1):1–5, March ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Misra:1979:STT

[Mis79] Jayadev Misra. Space-time trade off in implementing certain set operations. *Information Processing Letters*, 8(2):81–85, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Mitchell:1979:LAR

[Mit79] Sandra L. Mitchell. Linear algorithms to recognize outerplanar and maximal outerplanar graphs. *Information Processing Letters*, 9(5):229–232, December 16, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Malhotra:1978:AFM

[MKM78] V. M. Malhotra, M. Pramodh Kumar, and S. N. Maheshwari. An $O(V^3)$ algorithm for finding maximum flows in networks. *Information Processing Letters*, 7(6):277–278, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Molchanov:1972:AIB

[MN72] I. N. Molchanov and L. D. Nikolenko. On an approach to integrating boundary problems with a non-unique solution. *Information Processing Letters*, 1(4):168–172, June ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Moore:1979:MPT

[Moo79] J. Strother Moore. A mechanical proof of the termination of Takeuchi's function. *Information Processing Letters*, 9(4):176–181, November 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Morris:1979:SFS

[Mor79a] J. M. Morris. A starvation-free solution to the mutual exclusion problem. *Information Processing Letters*, 8(2):76–80, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See comments [AJV86].

Morris:1979:TBT

[Mor79b] J. M. Morris. Traversing binary trees simply and cheaply. *Information Processing Letters*, 9(5):197–200, December 16, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Moran:1981:NSP

[Mor81] Shlomo Moran. A note on: "Shortest-path problem is not harder than matrix multiplication" [Inform. Process. Lett. **11** (1980), no. 3, 134–136; MR 81k:68036] by F. Romani. With a reply by Romani. *Information Processing Letters*, 13 (2):85–86, November 13, 1981. CODEN IFPLAT. ISSN 0020-0190

(print), 1872-6119 (electronic). See [Rom80].

Maurer:1976:IDU

[MOS76] H. A. Maurer, Th. Ottmann, and H.-W. W. Six. Implementing dictionaries using binary trees of very small height. *Information Processing Letters*, 5(1):11–14, May ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Moura:1980:NGC

[Mou80] Arnaldo Moura. A note on grammatical covers. *Information Processing Letters*, 11(3):127–129, November 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Milgram:1971:NSC

[MR71] D. L. Milgram and A. Rosenfeld. A note on scattered context grammars. *Information Processing Letters*, 1 (2):47–50, July ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Mauceri:1981:FCC

[MR81] S. Mauceri and A. Restivo. A family of codes commutatively equivalent to prefix codes. *Information Processing Letters*, 12(1):1–4, February 13, 1981. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See letter to the editor [Kri82].

Madsen:1976:MMD

[MRK76] Niel K. Madsen, Garry H. Rodrigue, and Jack I. Karush. Matrix multiplication by diagonals on a vector/parallel processor. *Information Processing Letters*, 5(2):41–45, June ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Molchanov:1972:IMS

[MS72] I. N. Molchanov and N. I. Stepanets. Iterative methods for solving difference equations of the theory of elasticity not depending on the spacing of the difference net. *Information Processing Letters*, 1(5):205–210, October ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Misra:1975:OCP

[MT75] J. Misra and R. E. Tarjan. Optimal chain partitions of trees. *Information Processing Letters*, 4(1):24–26, September ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Mizumoto:1973:EFG

[MTT73] Masaharu Mizumoto, Junichi Toyoda, and Kohkichi Tanaka. Examples of formal grammars with weights. *Information Processing Letters*, 2(3):74–78, August ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Muhlbacher:1979:FGG

[Müh79] Jörg Mühlbacher. F-factors of graphs: a generalized matching problem. *Information Processing Letters*, 8(4):207–214, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Munro:1971:EDT

[Mun71] I. Munro. Efficient determination of the transitive closure of a directed graph. *Information Processing Letters*, 1(2):56–58, July ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Minker:1974:EAP

[MV74] Jack Minker and Gordon J. VanderBrug. The Earley algorithm as a problem representation. *Information Processing Letters*, 3(1):1–7, July ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Manacher:1979:NGN

[MZ79] Glenn K. Manacher and Albert L. Zobrist. Neither the Greedy nor the Delaunay triangulation of a planar point set approximates the optimal triangulation. *Information Processing Letters*, 9(1):31–34, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Minker:1982:ELR

[MZ82] Jack Minker and Guy Zanon. An extension to linear resolution with selection function. *Information Processing Letters*, 14(4):191–194, June 13, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Nakamura:1980:RTD

[NI80] Akira Nakamura and Katsushi Inoue. A remark on two-dimensional finite automata: "Some properties of two-dimensional on-line tessellation acceptors" [Inform. Sci. **13** (1977), no. 2, 95–121; MR 80e:68143]. *Information Processing Letters*, 10(4–5):219–222, July 5, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Nieminen:1975:HIT

[Nie75a] J. Nieminen. On homomorphic images of transition graphs. *Information Processing Letters*, 4(1):14–15, September ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Nieminen:1975:SOD

[Nie75b] J. Nieminen. Some observations on the determination of an upper bound for the clique number of a graph. *Information Processing Letters*, 4(1):16–17, September ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Nijholt:1979:LRG

[Nij79] A. Nijholt. From left-regular to Greibach normal form grammars. *Information Processing Letters*, 9 (1):51–55, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Nath:1982:PAC

[NM82] Dhruva Nath and S. N. Maheshwari. Parallel algorithms for the connected components and minimal spanning tree problems. *Information Processing Letters*, 14(1):7–11, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Noshita:1978:EBD

[NMM78] Kohei Noshita, Etsuo Masuda, and Hajime Machida. On the expected behaviors of the Dijkstra's shortest path algorithm for complete graphs. *Information Processing Letters*, 7 (5):237–243, August ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Noshita:1974:MSE

[Nos74] K. Noshita. Median selection of 9 elements in 14 comparisons. *Information Processing Letters*, 3(1):8–12, July ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Nozaki:1979:NCA

[Noz79] Akihiro Nozaki. A note on the complexity of approximative evaluation of polynomials. *Information Processing Letters*, 9(2):73–75, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Nievergelt:1972:BWP

[NPWY72] J. Nievergelt, J. Pradels, C. K. Wong, and P. C. Yue. Bounds on the weighted path length of binary trees. *Information Processing Letters*, 1(6):220–225, December ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Natarajan:1978:ODW

[NW78] K. S. Natarajan and Lee J. White. Optimum domination in weighted trees. *Information Processing Letters*, 7(6):261–265, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ogilvie:1972:UCS

[OO72] J. C. Ogilvie and C. L. Olson. On the use of complete subgraphs in cluster analysis. *Information Processing Letters*, 1(3):76–79, February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Orenstein:1982:MTU

[Ore82] Jack A. Orenstein. Multidimensional tries used for associative searching. *Information Processing Letters*, 14(4):150–157, June 13, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Osborn:1979:TEC

[Osb79] Sylvia L. Osborn. Testing for existence of a covering Boyce-Codd normal form. *Information Processing Letters*, 8(1):11–14, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Oulsnam:1979:CND

[Oul79] G. Oulsnam. Cyclomatic numbers do not measure complexity of unstructured programs. *Information Processing Letters*, 9(5):207–211, December 16, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Overmars:1980:FCB

[Ov80] Mark H. Overmars and Jan van Leeuwen. Further comments on A. Bykat's convex hull algorithm: "Convex hull of a finite set of points in two dimensions" [Inform. Process. Lett. **7** (1978), no. 6, 296–298; MR 80b:68041]. *Information Processing Letters*, 10(4–5):209–212, July 5,

1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Byk78, DS79, Fou79].

Pajunen:1980:TTL

[Paj80] Seppo Pajunen. On two theorems of Lenstra. *Information Processing Letters*, 11(4–5):224–228, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Papadimitriou:1979:ESR

[Pap79] Christos H. Papadimitriou. Efficient search for rationals. *Information Processing Letters*, 8(1):1–4, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Paredaens:1978:EPR

[Par78] J. Paredaens. On the expressive power of the relational algebra. *Information Processing Letters*, 7(2): 107–111, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Paun:1978:GCS

[Pău78] G. Păun. On the generative capacity of simple matrix grammars of finite index. *Information Processing Letters*, 7(2):100–102, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Paun:1979:SLA

[Pău79] Gheorghe Păun. On Szilard's languages associated to a matrix grammar. *Information Processing Letters*, 8(2):104–105, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Pankov:1979:SEE

[PD79] P. S. Pankov and Si. L. Dolmatov. Substantiable evaluations by electronic computers and their application to one problem in combinatorial geometry. *Information Processing Letters*, 8(4):202–203, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Peltola:1978:IMS

[PE78] Eero Peltola and Hannu Erkiö. Insertion merge sorting. *Information Processing Letters*, 7(2):92–99, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Pearl:1975:CIC

[Pea75] Judea Pearl. On the complexity of inexact computations. *Information Processing Letters*, 4(3):77–81, December ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Penttonen:1975:EGG

[Pen75] Martti Penttonen. ET0L-grammars and N-grammars. *Information Processing Letters*, 4(1):11–13, September ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Peterson:1980:NCP

[Pet80a] J. L. Peterson. A note on colored Petri nets. *Information Processing Letters*, 11(1):40–43, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Pettorossi:1980:DAC

[Pet80b] Alberto Pettorossi. Derivation of an $O(k^2 \log n)$ algorithm for computing order-k Fibonacci numbers from the $O(k^3 \log n)$ matrix multiplication method. *Information Processing Letters*, 11(4–5):172–179, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Pequeno:1979:ADT

[PL79] T. H. Pequeno and C. J. Lucena. An approach for data type specification and its use in program verification. *Information Processing Letters*, 8(2):98–103, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Pleszczynski:1975:GP

[Ple75] Stefan Pleszczyński. On the generation of permutations. *Information Processing Letters*, 3(6):180–183, July ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Plesnik:1979:NCH

[Ple79] J. Plesník. The NP-completeness of the Hamiltonian cycle problem in planar digraphs with degree bound two. *Information Processing Letters*, 8(4):199–201, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Preparata:1975:TRE

[PM75] F. P. Preparata and D. E. Muller. The time required to evaluate division-free arithmetic expressions. *Information Processing Letters*, 3 (5):144–146, May ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Partsch:1976:FRR

[PP76] H. Partsch and P. Pepper. A family of rules for recursion removal. *Information Processing Letters*, 5(6):174–177, December ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Paredaens:1980:GLA

[PP80] J. Paredaens and F. Ponsaert. Grant levels in an authorization mechanism. *Information Processing Letters*, 11(4–5):152–155, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Perl:1977:UCI

[PR77] Yehoshua Perl and Edward M. Reingold. Understanding the complexity of interpolation search. *Information Processing Letters*, 6(6):219–222, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Pritchard:1976:PRM

[Pri76] P. A. Pritchard. A proof rule for multiple coroutine systems. *Information Processing Letters*, 4(6):141–143, March ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Prini:1979:SIS

[Pri79] Gianfranco Prini. Stack implementation of shallow binding in languages with mixed scoping. *Information Processing Letters*, 9(3): 143–154, October 5, 1979. CODEN

IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Probert:1976:CNC

[Pro76] R. L. Probert. Commutativity, non-commutativity, and bilinearity. *Information Processing Letters*, 5(2): 46–49, June ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Preparata:1978:IPP

[PS78] F. P. Preparata and D. V. Sarwate. An improved parallel processor bound in fast matrix inversion. *Information Processing Letters*, 7(3):148–150, April 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Petreschi:1980:SAS

[PS80] Rossella Petreschi and Bruno Simeone. A switching algorithm for the solution of quadratic Boolean equations. *Information Processing Letters*, 11(4–5):193–198, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also erratum [PS81].

Petreschi:1981:ESA

[PS81] R. Petreschi and B. Simeone. Erratum: "A switching algorithm for the solution of quadratic Boolean equations". *Information Processing Letters*, 12(2):109, April 13, 1981. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [PS80].

Preparata:1980:AOV

[PV80] Franco P. Preparata and Jean E. Vuillemin. Area-time optimal VLSI networks for multiplying matrices. *Information Processing Letters*, 11 (2):77–80, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ramshaw:1977:BCN

[Ram77] Lyle Ramshaw. Binomial coefficients with non-integral lower index. *Information Processing Letters*, 6(6):223–226, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ridjanovic:1982:DDD

[RB82] Dzenan Ridjanovic and Michael L. Brodie. Defining database dynamics with attribute grammars. *Information Processing Letters*, 14(3): 132–138, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Reddy:1972:XHS

[RBE+72] R. Reddy, W. Broadley, L. Erman, R. Johnsson, J. Newcomer, G. Robertson, and J. Wright. Xcribl — a hardcopy scan line graphics system for document generation. *Information Processing Letters*, 1(6):246–251, December ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rick:1979:IBA

[RE79] C. C. Rick and D. J. Evans. An improved bisection algorithm. *Information Processing Letters*, 8(2):112–113, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Reddi:1977:ASC

[Red77] S. S. Reddi. Alternate solutions to the cigarette smokers' problem without conditionals. *Information Processing Letters*, 6(1):22–24, February ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Reiser:1978:LSA

[Rei78] A. Reiser. A linear selection algorithm for sets of elements with weights. *Information Processing Letters*, 7(3):159–162, April 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Reising:1979:NRF

[Rei79a] Wolfgang Reising. A note on the representation of finite tree automata. *Information Processing Letters*, 8(5):239–240, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Reiss:1979:RS

[Rei79b] Steven P. Reiss. Rational search. *Information Processing Letters*, 8(2): 89–90, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rem:1975:PES

[Rem75] M. Rem. On the programming of elastic stores. *Information Processing Letters*, 3(6):184–187, July ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Reusch:1976:GLA

[Reu76] Peter J. A. Reusch. Generalized lattices applicable in retrieval models. *Information Processing Letters*, 4(6):144–148, March ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Roschke:1973:AOC

[RF73] S. I. Roschke and A. L. Furtado. An algorithm for obtaining the chromatic number and an optimal coloring of a graph. *Information Processing Letters*, 2(2):34–38, June ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Reiser:1975:EED

[RK75a] John F. Reiser and Donald E. Knuth. Erratum: "Evading the Drift in Floating-Point Addition". *Information Processing Letters*, 3 (5):164, May ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [RK75b].

Reiser:1975:EDF

[RK75b] John F. Reiser and Donald E. Knuth. Evading the drift in floating-point addition. *Information Processing Letters*, 3(3):84–87, January ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [RK75a].

Rosenfeld:1973:PSA

[RM73] Azriel Rosenfeld and David L. Milgram. Parallel/sequential array automata. *Information Processing Letters*, 2(2):43–46, June ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Robson:1973:IAT

[Rob73] J. M. Robson. An improved algorithm for traversing binary trees

without auxiliary stack. *Information Processing Letters*, 2(1):12–14, March ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Robson:1975:SSI

[Rob75] J. M. Robson. A simple solution to the interleaved memory bandwidth problem. *Information Processing Letters*, 3(4):125–126, March ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Robson:1979:ECP

[Rob79] J. M. Robson. The emptiness of complement problem for semi extended regular expressions requires c^n space. *Information Processing Letters*, 9(5):220–222, December 16, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Robson:1980:SAN

[Rob80] J. M. Robson. Storage allocation is NP-hard. *Information Processing Letters*, 11(3):119–125, November 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rohlf:1978:PMS

[Roh78] F. James Rohlf. A probabilistic minimum spanning tree algorithm. *Information Processing Letters*, 7(1): 44–48, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rohrich:1982:HQW

[Röh82] Johannes Röhrich. A hybrid of Quicksort with $O(n \log n)$ worst case complexity. *Information Processing Letters*, 14(3):119–123, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Romani:1980:SPP

[Rom80] Francesco Romani. Shortest-path problem is not harder than matrix multiplication. *Information Processing Letters*, 11(3):134–136, November 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also note [Mor81].

Rosenberg:1979:NPE

[Ros79] Arnold L. Rosenberg. A note on paths embedded in trees. *Information Processing Letters*, 8(5):272–273, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rotem:1975:CBB

[Rot75] D. Rotem. On a correspondence between binary trees and a certain type of permutation. *Information Processing Letters*, 4(3):58–61, December ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Roussopoulos:1973:ADG

[Rou73] Nicholas D. Roussopoulos. A $\max(m, n)$ algorithm for determining the graph H from its line graph G. *Information Processing Letters*, 2 (4):108–112, October ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rowicki:1975:NOS

[Row75] Andrzej Rowicki. A note on optimal scheduling for two-processor

systems. *Information Processing Letters*, 4(2):27–30, November ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rowicki:1977:NOP

[Row77] A. Rowicki. A note on optimal preemptive scheduling for two-processor systems. *Information Processing Letters*, 6(1):25–28, February ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rozenberg:1972:DPU

[Roz72a] G. Rozenberg. Direct proofs of the undecidability of the equivalence problem for sentential forms of linear context-free grammars and the equivalence problem for 0L systems. *Information Processing Letters*, 1(6):233–235, December ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rozenberg:1972:EPD

[Roz72b] G. Rozenberg. The equivalence problem for deterministic T0L-systems is undecidable. *Information Processing Letters*, 1(5):201–204, October ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [Roz72c].

Rozenberg:1972:EEP

[Roz72c] G. Rozenberg. Erratum: "The equivalence problem for deterministic T0L-systems is undecidable". *Information Processing Letters*, 1 (6):252, December ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Roz72b].

Rozenberg:1976:MES

[Roz76a] G. Rozenberg. More on ET0L systems versus random context grammars. *Information Processing Letters*, 5(4):102–106, October ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rozenberg:1976:SIG

[Roz76b] G. Rozenberg. On slicing of K-iteration grammars. *Information Processing Letters*, 4(5):127–131, February ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Raiha:1977:OAS

[RS77] K.-J. Räihä and M. Saarinen. An optimization of the alternating semantic evaluator. *Information Processing Letters*, 6(3):97–100, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ruohonen:1975:TRC

[Ruo75] K. Ruohonen. Three results of comparison between L languages with and without interaction. *Information Processing Letters*, 4(1):7–10, September ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ruohonen:1978:NLE

[Ruo78] K. Ruohonen. A note on language equations involving morphisms. *Information Processing Letters*, 7(5): 209–212, August ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ruohonen:1979:DFD

[Ruo79] Keijo Ruohonen. The decidability of the F0L-D0L equivalence problem. *Information Processing Letters*, 8(5):257–260, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rajaraman:1977:FFB

[RV77] V. Rajaraman and Om Vikas. A first-in-first-out buffered cyclic memory. *Information Processing Letters*, 6(2):63–68, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rivest:1979:LBN

[RV79] Ronald L. Rivest and Jean-Paul Van de Wiele. An $\Omega((n/\lg n)^{1/2})$ lower bound on the number of additions necessary to compute 0-1 polynomials over the ring of integer polynomials. *Information Processing Letters*, 8(4):178–180, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Rozenberg:1976:NIG

[RW76] G. Rozenberg and D. Wood. A note on K-iteration grammars. *Information Processing Letters*, 4(6): 162–164, March ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Raghavan:1977:NMS

[RY77] V. V. Raghavan and C. T. Yu. A note on a multidimensional searching problem. *Information Processing Letters*, 6(4):133–135, August ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Salton:1971:PII

[Sal71] G. Salton. The performance of interactive information retrieval. *Information Processing Letters*, 1(2):35–41, July ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Salton:1973:EML

[Sal73] G. Salton. Experiments in multilingual information retrieval. *Information Processing Letters*, 2(1): 6–11, March ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Samadi:1976:TSM

[Sam76] Behrokh Samadi. B-trees in a system with multiple users. *Information Processing Letters*, 5(4):107–112, October ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Samet:1978:CFA

[Sam78] H. Samet. A canonical form algorithm for proving equivalence of conditional forms. *Information Processing Letters*, 7(2):103–106, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Santoro:1976:FTS

[San76] Nicola Santoro. Full table search by polynomial functions. *Information Processing Letters*, 5(3):72–74, August ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Sengupta:1979:ICP

[SBS79] A. Sengupta, S. Bandyopadhyay, and P. K. Srimani. On identification of CR property in file organisation. *Information Processing Letters*, 9(2):93–96, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Scheiding:1971:REM

[Sch71] H. Scheiding. Representation and equality of modes. *Information Processing Letters*, 1(2):61–65, July ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Schachtel:1978:NAM

[Sch78] G. Schachtel. A noncommutative algorithm for multiplying 5×5 matrices using 103 multiplications. *Information Processing Letters*, 7(4): 180–182, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Schwartz:1979:AAP

[Sch79] R. L. Schwartz. Aliasing among pointers in EUCLID. *Information Processing Letters*, 9(2):76–79, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Schmitt:1982:CPF

[Sch82] Alfred Schmitt. On the computational power of the floor function. *Information Processing Letters*, 14 (1):1–3, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Sekey:1975:GFE

[Sek75] A. A. Sekey. A generating function for entropy. *Information Processing Letters*, 4(2):51–??, November ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Selkow:1977:TTE

[Sel77] S. M. Selkow. The tree-to-tree editing problem. *Information Processing Letters*, 6(6):184–186, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Selkow:1978:NBC

[Sel78] S. M. Selkow. New bounds for the clique number of a graph. *Information Processing Letters*, 7(4): 173–174, June ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Sethi:1973:NIP

[Set73] Ravi Sethi. A note on implementing parallel assignment instructions. *Information Processing Letters*, 2(4): 91–95, October ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Silva-Filho:1979:ACA

[SF79] Y. V. Silva-Filho. Average case analysis of region search in balanced k-d trees. *Information Processing Letters*, 8(5):219–223, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Sassa:1976:HMF

[SG76] M. Sassa and E. Goto. A hashing method for fast set operations. *In-*

formation Processing Letters, 5(2): 31–34, June ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Sassa:1977:VTV

[SG77] Masataka Sassa and Eiichi Goto. "V-tape", a virtual memory oriented data type, and its resource requirements. *Information Processing Letters*, 6(2):50–55, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Simovici:1979:EIF

[SG79] Dan A. Simovici and Gh. Grigoraş. Even initial feedback vertex set problem is NP-complete. *Information Processing Letters*, 8(2): 64–66, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Shamir:1979:FNA

[Sha79] Adi Shamir. Factoring numbers in $O(\log n)$ arithmetic steps. *Information Processing Letters*, 8(1):28–31, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Shiloach:1979:EDB

[Shi79a] Yossi Shiloach. Edge-disjoint branching in directed multigraphs. *Information Processing Letters*, 8 (1):24–27, January 2, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Shiloach:1979:FEC

[Shi79b] Yossi Shiloach. A fast equivalence-checking algorithm for circular lists. *Information Processing Letters*, 8 (5):236–238, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Shiloach:1979:SLO

[Shi79c] Yossi Shiloach. Strong linear orderings of a directed network. *Information Processing Letters*, 8(3): 146–148, March 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Shortt:1978:IPC

[Sho78] Joseph Shortt. An iterative program to calculate Fibonacci numbers in $O(\log n)$ arithmetic operations. *Information Processing Letters*, 7(6): 299–303, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Shyamasundar:1976:NLP

[Shy76] R. K. Shyamasundar. A note on linear precedence functions. *Information Processing Letters*, 5(3):81–??, August ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Siklossy:1972:FRO

[Sik72] L. Siklóssy. Fast and read-only algorithms for traversing trees without an auxiliary stack. *Information Processing Letters*, 1(4):149–152, June ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Schnorr:1977:UHS

[SK77] C. P. Schnorr and H. Klupp. A universally hard set of formulae with respect to non-deterministic Turing acceptors. *Information Processing*

Letters, 6(2):35–37, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Slisenko:1982:CFG

[Sli82] A. O. Slisenko. Context-free grammars as a tool for describing polynomial-time subclasses of hard problems. *Information Processing Letters*, 14(2):52–56, April 20, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Slowinski:1979:CMP

[Sło79] R. Słowiński. Cost-minimal preemptive scheduling of independent jobs with release and due dates on open shop under resource constraints. *Information Processing Letters*, 9(5): 233–237, December 16, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Sokolowski:1978:MPP

[Sok78] S. Sokolowski. A method for proving programming languages non context-free. *Information Processing Letters*, 7(3):151–153, April 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Solntseff:1972:CEP

[Sol72] N. Solntseff. A classification of extensible programming languages. *Information Processing Letters*, 1(3): 91–96, February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Solntseff:1974:NDD

[Sol74] N. Solntseff. On a notational device for the description of pointer-free operations on structured data. *Information Processing Letters*, 2(6): 158–159, April ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Soundararajan:1979:APT

[Sou79] N. Soundararajan. Axiomatic proofs of total correctness of programs. *Information Processing Letters*, 8(5): 274–277, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Srinivasan:1979:NRD

[SR79] B. Srinivasan and V. Rajaraman. On the normalization of relational databases. *Information Processing Letters*, 9(2):89–92, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Sridharan:1974:CGV

[Sri74] N. S. Sridharan. Computer generation of vertex graphs. *Information Processing Letters*, 3(2):57–63, November ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [Sri75].

Sridharan:1975:ECG

[Sri75] N. S. Sridharan. Erratum: "Computer Generation of Vertex Graphs". *Information Processing Letters*, 3 (5):164, May ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Sri74].

Sethi:1978:ECC

[SRK78] A. S. Sethi, V. Rajaraman, and P. S. Kenjale. An error-correcting coding scheme for alphanumeric data. *Information Processing Letters*, 7(2):

72–77, February 28, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Steckelberg:1977:RBA

[SS77] J. M. Steckelberg and S. C. Seth. On a relation between algebraic programs and Turing machines. *Information Processing Letters*, 6(6):180–183, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Stoyan:1979:MMS

[SS79] Yu. G. Stoyan and V. Z. Socolovsky. The minimization method for some permutation functionals. *Information Processing Letters*, 8(2):110–111, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Shaw:1977:SGA

[ST77] M. Shaw and J. F. Traub. Selection of good algorithms from a family of algorithms for polynomial derivative evaluation. *Information Processing Letters*, 6(5):141–145, October ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

SangAjang:1979:EAD

[ST79] Gerard J. M. Sang Ajang and Frank Teer. An efficient algorithm for detection of combined occurrences. *Information Processing Letters*, 8(3):137–140, March 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Stacey:1971:RVM

[Sta71] G. M. Stacey. The role of virtual memory in the handling of application files. *Information Processing Letters*, 1(1):1–3, February ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Stevens:1975:ECA

[Ste75] A. Stevens. An elementary computer algorithm for the calculation of the coefficient of inbreeding. *Information Processing Letters*, 3(5):153–163, May ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Sudborough:1977:NWO

[Sud77] I. H. Sudborough. A note on weak operator precedence grammars. *Information Processing Letters*, 6(6):213–218, December ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Sudborough:1978:NWO

[Sud78] I. H. Sudborough. A note on weak operator precedence grammars. *Information Processing Letters*, 7(5):213–218, August ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Solntseff:1972:EEC

[SY72] N. Solntseff and A. Yezerski. ECT: an extensible-contractable translator system. *Information Processing Letters*, 1(3):97–99, February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Szwarcfiter:1979:SDR

[Szw79] J. L. Szwarcfiter. Systems of distinct representatives for k families of sets. *Information Processing Letters*, 9(5):195–196, December 16, 1979.

CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Takaoka:1974:NAC

[Tak74] T. Takaoka. A note on the ambiguity of context-free grammars. *Information Processing Letters*, 3(2): 35–36, November ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Talbert:1977:FSS

[Tal77] S. H. Talbert. On the formal specification of the semantics of processed information. *Information Processing Letters*, 6(4):116–119, August ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tarjan:1972:DWG

[Tar72] R. E. Tarjan. Determining whether a groupoid is a group. *Information Processing Letters*, 1(3):120–124, February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tarjan:1974:GAE

[Tar74a] R. E. Tarjan. A good algorithm for edge-disjoint branching. *Information Processing Letters*, 3(2):51–53, November ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tarjan:1974:NFB

[Tar74b] R. E. Tarjan. A note on finding the bridges of a graph. *Information Processing Letters*, 2(6):160–161, April ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tarjan:1974:NAF

[Tar74c] Robert Endre Tarjan. A new algorithm for finding weak components. *Information Processing Letters*, 3 (1):13–15, July ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tarhio:1982:LPS

[Tar82a] Jorma Tarhio. LR parsing of some ambiguous grammars. *Information Processing Letters*, 14(3):101–103, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tarjan:1982:HCA

[Tar82b] R. Endre Tarjan. A hierarchical clustering algorithm using strong components. *Information Processing Letters*, 14(1):26–29, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tarjan:1982:SAM

[Tar82c] Robert Endre Tarjan. Sensitivity analysis of minimum spanning trees and shortest path trees. *Information Processing Letters*, 14(1): 30–33, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See corrigendum [Tar86].

Tarjan:1986:SAM

[Tar86] R. E. Tarjan. Corrigendum: "Sensitivity analysis of minimum spanning trees and shortest path trees" [Inform. Process. Lett. **14**(1), 27 March 1982, pp. 30–33]. *Information Processing Letters*, 23(4):219, November 8, 1986. CODEN IFPLAT. ISSN

0020-0190 (print), 1872-6119 (electronic). See [Tar82c].

tenHoopen:1980:CRR

[ten80] J. ten Hoopen. Consecutive retrieval with redundancy: an optimal linear and an optimal cyclic arrangement and their storage space requirements. *Information Processing Letters*, 11(4–5):211–217, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

terBekke:1980:CD

[ter80] J. H. ter Bekke. Convertibility in databases. *Information Processing Letters*, 11(4–5):168–171, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Teskey:1979:DRU

[Tes79] F. N. Teskey. Document retrieval using associative processors. *Information Processing Letters*, 9(2):64–67, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Teuhola:1978:CMC

[Teu78] Jukka Teuhola. A compression method for clustered bit-vectors. *Information Processing Letters*, 7(6): 308–311, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Terashima:1978:GOC

[TG78] Motoaki Terashima and Eiichi Goto. Genetic order and compactifying garbage collectors. *Information Processing Letters*, 7(1):27–32, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Toussaint:1972:FEQ

[Tou72] G. T. Toussaint. Feature evaluation with quadratic mutual information. *Information Processing Letters*, 1(4):153–156, June ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Trivedi:1976:SA

[Tri76] K. S. Trivedi. On a semaphore anomaly. *Information Processing Letters*, 5(3):88–89, August ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tsao:1981:NIB

[Tsa81] Nai Kuan Tsao. The numerical instability of Bini's algorithm. *Information Processing Letters*, 12(1): 17–19, February 13, 1981. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See reply [Bin82].

Tsichritzis:1971:NCS

[Tsi71] D. Tsichritzis. A note on comparison of subrecursive hierarchies. *Information Processing Letters*, 1(2):42–44, July ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tsichritzis:1972:POS

[Tsi72] D. Tsichritzis. Protection in operating systems. *Information Processing Letters*, 1(4):127–131, June ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tsur:1978:AQN

[Tsu78] Shalom Tsur. Analysis of queuing networks in which processes exhibit locality-transition behaviour. *Information Processing Letters*, 7(1): 20–23, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Turner:1977:EDR

[Tur77] D. A. Turner. Error diagnosis and recovery in one pass compilers. *Information Processing Letters*, 6(4): 113–115, August ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tang:1973:MBB

[TW73] D. T. Tang and C. K. Wong. A modified branch-and-bound strategy. *Information Processing Letters*, 2(3): 65–69, August ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tzafestas:1972:DPM

[Tza72a] S. G. Tzafestas. Design parameters for a multiserver computer processing buffering system with feedback. *Information Processing Letters*, 1(6):236–243, December ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Tzafestas:1972:IOM

[Tza72b] S. G. Tzafestas. Input-output modeling and identification of linear automata. *Information Processing Letters*, 1(3):69–75 (or 69–70??), February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Ukkonen:1979:NSC

[Ukk79] Esko Ukkonen. The nonexistence of some covering context-free grammars. *Information Processing Letters*, 8(4):187–192, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Umeo:1982:DOW

[UMS82] Hiroshi Umeo, Kenichi Morita, and Kazuhiro Sugata. Deterministic one-way simulation of two-way real-time cellular automata and its related problems. *Information Processing Letters*, 14(4):158–161, June 13, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Upfal:1982:FCP

[Upf82] Eliezer Upfal. Formal correctness proofs of a nondeterministic program. *Information Processing Letters*, 14(2):86–92, April 20, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Urbanek:1980:ACE

[Urb80] Friedrich J. Urbanek. An $O(\log n)$ algorithm for computing the n th element of the solution of a difference equation. *Information Processing Letters*, 11(2):66–67, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Valiant:1976:RCC

[Val76] L. G. Valiant. Relative complexity of checking and evaluating. *Information Processing Letters*, 5(1):20–23, May ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Valiant:1980:CMP

[Val80] L. G. Valiant. Computing multivariate polynomials in parallel. *Information Processing Letters*, 11(1):44–45, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

VanLeeuwen:1975:MQE

[Van75] Jan Van Leeuwen. The membership question for ET0L-languages is polynomially complete. *Information Processing Letters*, 3(5):138–143, May ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

vanEmdeBoas:1977:POF

[van77] P. van Emde Boas. Preserving order in a forest in less than logarithmic time and linear space. *Information Processing Letters*, 6(3):80–82, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

vanderNat:1979:BMP

[Van79a] M. Van Der Nat. Binary merging by partitioning. *Information Processing Letters*, 8(2):72–75, February 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

vanLeeuwen:1979:CSD

[van79b] Jan van Leeuwen. On compromising statistical data-bases with a few known elements. *Information Processing Letters*, 8(3):149–153, March 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

vanEmdeBoas:1980:LBC

[van80] Peter van Emde Boas. On the $\Omega(n \log n)$ lower bound for convex hull and maximal vector determination. *Information Processing Letters*, 10(3):132–136, April 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also comments [Avi80].

Varney:1972:PPU

[Var72] R. C. Varney. Priority processes used for scheduling within a tree structured operating system. *Information Processing Letters*, 1(5):187–190, October ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Varhegyi:1973:NDE

[Vár73] G. Várhegyi. Numerical differentiation of experimental data. *Information Processing Letters*, 2(1):24–25, March ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Veloso:1979:CRP

[Vel79] P. A. S. Veloso. Characterizing the regular prefix codes and right power-bounded languages. *Information Processing Letters*, 9(1):5–7, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Vikas:1979:API

[Vik79] Om Vikas. Analysis of a periodically inspected buffer. *Information Processing Letters*, 8(3):124–130, March 15, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

vanderKnijff:1979:CCB

[VL79] D. Van der Knijff and J.-L. Lassez. A clarification of the comparison between some measures of software science. *Information Processing Letters*, 8(5):241–243, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

vanLeeuwen:1982:ERR

[vN82] Jan van Leeuwen and Maurice Nivat. Efficient recognition of rational relations. *Information Processing Letters*, 14(1):34–38, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

vonSolms:1975:TLT

[Von75] S. H. Von Solms. On T0L languages over terminals. *Information Processing Letters*, 3(3):69–70, January ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

vanLeeuwen:1974:IBD

[vS74] J. van Leeuwen and C. H. Smith. An improved bound for detecting looping configurations in deterministic DPA's. *Information Processing Letters*, 3(1):22–24, July ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

vanDam:1972:SDP

[vT72] A. van Dam and F. Wm. Tompa. Software data paging and segmentation for complex systems. *Information Processing Letters*, 1(3):80–86, February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Vantilborgh:1972:EDS

[Vv72] H. Vantilborgh and A. van Lamsweerde. On an extension of Dijkstra's semaphore primitives. *Information Processing Letters*, 1(5): 181–186, October ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

vanLeeuwen:1980:ELS

[vW80a] J. van Leeuwen and D. Wood. Errata: "List scheduling bounds for UET systems with resources" [Inform. Process. Lett. **10** (1980), no. 1, 28–31; MR 81a:68042]. *Information Processing Letters*, 11(1):57, August 29, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [vW80b].

vanLeeuwen:1980:DDS

[vW80b] Jan van Leeuwen and Derick Wood. Dynamization of decomposable searching problems. *Information Processing Letters*, 10(2):51–56, March 18, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [vW80a].

Wang:1976:ERM

[Wan76a] Patrick Shen-Pei Wang. Erratum: "Recursiveness of Monotonic Array Grammars and a Hierarchy of Array Languages". *Information Processing Letters*, 5(3):90, August ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Wan76b].

Wang:1976:RMA

[Wan76b] Patrick Shen-Pei Wang. Recursiveness of monotonic array grammars

and a hierarchy of array languages. *Information Processing Letters*, 5 (1):24–26, May ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See erratum [Wan76a].

Warren:1973:MCS

[War73] H. S. Warren, Jr. Minimal comparison sorting by choosing most efficient comparisons. *Information Processing Letters*, 2(5):129–130, December ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Williams:1979:TCG

[WB79] M. H. Williams and A. R. Bulmer. A transportable code generator generator system. *Information Processing Letters*, 9(3):122–125, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Wegbreit:1975:RCT

[Weg75] B. Wegbreit. Retrieval from context trees. *Information Processing Letters*, 3(4):119–120, March ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Weihrauch:1975:PSP

[Wei75] Klaus Weihrauch. Program schemata with polynomial bounded counters. *Information Processing Letters*, 3(3):91–96, January ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Wessner:1976:OAS

[Wes76] Russell L. Wessner. Optimal alphabetic search trees with restricted maximal height. *Information Processing Letters*, 4(4):90–94, January ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Whale:1972:CVB

[Wha72] J. F. Whale. The critical value of the basic parameter of a nonlinear differential equation. *Information Processing Letters*, 1(3):87–90, February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Williams:1977:COP

[Wil77] M. H. Williams. Complete operator precedence conditions. *Information Processing Letters*, 6(2):60–62, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Williams:1980:BSB

[Wil80a] M. H. Williams. Batch sizes for the batching method of colouring planar maps. *Information Processing Letters*, 11(4–5):186–189, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Williams:1980:CMC

[Wil80b] M. H. Williams. Cubic map configurations. *Information Processing Letters*, 11(4–5):180–185, December 12, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Winkowski:1977:ACB

[Win77] Jozef Winkowski. An algebraic characterization of the behaviour of non-sequential systems. *Information Processing Letters*, 6(4):105–

109, August ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also errata [Win78].

Winkowski:1978:EAC

[Win78] J. Winkowski. Erratum: "An algebraic characterization of the behaviour of non-sequential systems". *Information Processing Letters*, 7 (1):63, January 12, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Win77].

Watjen:1982:AVE

[WS82] Dietmar Wätjen and Werner Struckmann. An algorithm for verifying equations of morphisms in a category. *Information Processing Letters*, 14(3):104–108, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Wurgens:1977:CER

[Wür77] H. Würgens. Comments on "Error resynchronisation in producer consumer systems". *Information Processing Letters*, 6(3):87–90, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yao:1975:AFM

[Yao75a] A. C. Yao. An $O(|E|)\log\log|V|$ algorithm for finding minimum spanning trees. *Information Processing Letters*, 4(1):21–23, September ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yao:1975:VAF

[Yao75b] Andrew C. Yao. An $O(|E|)\log\log|V|$ algorithm for finding minimum spanning trees. *Information Processing Letters*, 4(??):21–23, ?? ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yao:1979:NCK

[Yao79a] Andrew C. Yao. A note on a conjecture of Kam and Ullman concerning statistical databases. *Information Processing Letters*, 9(1):48–50, July 20, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yao:1979:GIN

[Yao79b] F. Frances Yao. Graph 2-isomorphism is NP-complete. *Information Processing Letters*, 9(2): 68–72, August 17, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yao:1980:NAE

[Yao80] Andrew C. Yao. A note on the analysis of extendible hashing. *Information Processing Letters*, 11(2):84–86, October ??, 1980. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yehudai:1979:NPL

[Yeh79] Amiram Yehudai. A note on the pumping lemma for regular languages. *Information Processing Letters*, 9(3):135–136, October 5, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yu:1976:CFS

[YJ76] C. T. Yu and D. T. Johnson. On the complexity of finding the set of candidate keys for a given set

of functional dependencies. *Information Processing Letters*, 5(4):100–101, October ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yang:1979:NAN

[YL79] C. C. Yang and D. T. Lee. A note on the all nearest-neighbor problem for convex polygons. *Information Processing Letters*, 8(4):193–194, April 30, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [LP78, FK79].

Yuval:1973:PCT

[Yuv73] G. Yuval. On a problem connected with topological sorting. *Information Processing Letters*, 2(4):103–104, October ??, 1973. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yuval:1975:FNN

[Yuv75] G. Yuval. Finding near neighbours in K-dimensional space. *Information Processing Letters*, 3(4):113–114, March ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yuval:1976:AFA

[Yuv76a] G. Yuval. An algorithm for finding all shortest paths using $N^{2.81}$ infinite-precision multiplications. *Information Processing Letters*, 4(6):155–156, March ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yuval:1976:FNN

[Yuv76b] G. Yuval. Finding nearest neighbours. *Information Processing Letters*, 5(3):63–65, August ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yuval:1977:TE

[Yuv77] G. Yuval. Theil's estimator. *Information Processing Letters*, 6(1): 6–7, February ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Yuval:1978:SPS

[Yuv78] G. Yuval. A simple proof of Strassen's result. *Information Processing Letters*, 7(6):285–286, October ??, 1978. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also corrigendum [Yuv79].

Yuval:1979:CSP

[Yuv79] G. Yuval. Corrigendum: "A simple proof of Strassen's result" (Inform. Process. Lett. **7** (1978), no. 6, 285–286). *Information Processing Letters*, 8(5):278, June 11, 1979. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [Yuv78].

Yokomori:1982:TRN

[YWL82] Takashi Yokomori, Derick Wood, and Klaus-Jörn Lange. A three-restricted normal form theorem for ETOL languages. *Information Processing Letters*, 14(3):97–100, May 16, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See also erratum [YWL85].

Yokomori:1985:ETR

[YWL85] Takashi Yokomori, Derick Wood, and Klaus-Jörn Lange. Erratum: "A

three-restricted normal form theorem for ETOL languages" [Inform. Process. Lett. **14** (1982), no. 3, 97–100; MR 83g:68115]. *Information Processing Letters*, 21(1):53, July 10, 1985. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic). See [YWL82].

Zaks:1982:GRA

[Zak82] Shmuel Zaks. Generation and ranking of K-ary trees. *Information Processing Letters*, 14(1):44–48, March 27, 1982. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Zave:1975:FCG

[Zav75] D. A. Zave. A fast compacting garbage collector. *Information Processing Letters*, 3(6):167–169, July ??, 1975. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Zave:1976:SEI

[Zav76] D. A. Zave. A series expansion involving the harmonic numbers. *Information Processing Letters*, 5(3): 75–77, August ??, 1976. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Zissos:1971:PSR

[ZD71] D. Zissos and F. G. Duncan. Programmed simulation of race hazards in sequential circuits. *Information Processing Letters*, 1(1):11–13, February ??, 1971. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Zelkowitz:1974:SOS

[Zel74] M. V. Zelkowitz. Structured operating system organization. *Information Processing Letters*, 3(2):39–42, November ??, 1974. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Zimmer:1972:SP

[Zim72] R. Zimmer. Soft precedence. *Information Processing Letters*, 1(3):108–110, February ??, 1972. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).

Zuczek:1977:USP

[Zuc77] R. Zuczek. The universal space for parallel computation. *Information Processing Letters*, 6(2):42–45, April ??, 1977. CODEN IFPLAT. ISSN 0020-0190 (print), 1872-6119 (electronic).