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Title word cross-reference

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[Pay73, Hua85, Sto74]. **partial-match**
[Hua85]. **partially** [ES85]. **Partitioning**
[FHP81, SD79]. **partitions** [Gab76].
pathology [Nau83]. **paths** [KC79].
PATRICIA [Cla73]. **PATRICIA-II**
[Cla73]. **Pattern**
[Dor76, BP83, DL79, LF82, SdV77, Tho82].
patterns [Ang75, Bab73]. **performance**
[BMS74, DS85, Duj80, GG82, Hur84, Moy80].
permutations [Har80]. **physical** [Bou74a].
pictures [Kai77]. **PL** [Bus72]. **PL/1**
[Bus72]. **PLA** [YM85]. **planar**
[Ata84, BP83]. **planning** [Bou74a, TF79].
plans [Ver79]. **point**
[JMW81a, HS78, JMW81b, She80]. **points**
[Lew81]. **polygon** [Lee83a]. **polyhedral**
[Mar72]. **polynomial** [Kak83]. **position**
[CLYY85]. **possibilistic** [Yag81]. **power**
[Mae80]. **pragmatic** [Spi75, Tow80].
Predicting [TP77]. **prediction** [PIB⁺75].
Predictive [XT82]. **prefix** [Muz77, Vel80].
preprocessor [Gui81]. **preserving** [SG72].
prime [CM80]. **principle** [Sto79].
probabilistic [Bab73, Bro82, ET79, SS78].
problem
[EC79, Er84, Hon85, MV74, YM85, YW75a].
Problems
[Iva73, FC73, HC77, Lee84, San84, Sch79].
procedure [Ang75, Bro82, Mar72, MMF74,
MS85a, MK81]. **Process**
[Shr75, HS78, Mae80, She80, TS72].

processes [Isc77, Mae76]. **processing**
[AR83, BL81, Hin76, Hun72, MS74].
productions [Ver79]. **prognosis** [Jai73].
program [Bie78, ILBM72, Kod79, KC79,
Spi75, Tha79, Wey79]. **programmed**
[LF84a, LF84b]. **programmer**
[Shn76, SM79]. **Programming** [Gut76,
CCDK80, Ham77, ILBM72, SM76, dLD85].
programming-language [Ham77].
programs [CLM80, Ver79, Wey79, Whi76].
proof [MMF74]. **Properties**
[MT79, Wal73]. **property** [AFC79].
proposal [Spi75]. **protection**
[Bud83, Ell78, Gli83]. **protective** [Spi73].
prototyping [Hoo85]. **prover**
[CTW74, MV74]. **proving** [Tow80]. **puzzles**
[CM85, Kak84].

quadratic [NH74]. **quadrature** [LR80].
queries [Hua85, Kob81, Put80]. **Query**
[ZB81]. **Querying** [BBDS80]. **question**
[MMF74]. **queue** [SKB77]. **queues** [Hof78].

random [Yeh75]. **real** [Koc77, Whi76].
real-time [Koc77, Whi76]. **realization**
[GG82]. **reasoning** [Yag81]. **recognition**
[DB78, DL79, Dd77, Har80, MV74, Tho82,
TG72]. **reconfigurable** [SS84]. **recovering**
[Dor76]. **recovery** [BH81]. **rectangle**
[Lee84]. **recurrences** [Par84]. **Recursive**
[Hoa75, Che80]. **recursively** [DB78, Gut76].
reduction [Mag79c, DI80, Mag79a, Mag79b].
Redundancy [LMN74]. **reference**
[BCM⁺78a, BCM⁺78b]. **refutation**
[MMF74]. **register** [CELT78]. **Regular**
[BTG83a, BTG83b, Lee82, Sal78, Sub85a,
Sub85b, Vel80]. **regular-controlled**
[Sub85a, Sub85b]. **Regular-like**
[BTG83a, BTG83b]. **related** [Vel80].
relating [van72]. **relation**
[Bra83b, Bra83a, Fur76]. **relational**
[AS81b, AS81a, Cas83, GP83, Kob81, Sch84,
Ver79, Zak81]. **relations** [FC73].
relationship [JNS83a, JNS83b].

relationships [AM82]. **Relevance** [Moy75]. **reliability** [Spi75]. **Remarks** [Vou82, Vou84]. **reordering** [HT81]. **repair** [BH82, HK85]. **Representation** [Orl82b, Orl82a, Hun72, Kat72]. **Representations** [MV74]. **required** [BS78, BCM⁺78a, BCM⁺78b]. **requirement** [MH82]. **requirements** [MTC77]. **resolution** [Min77, Tow80]. **resolution-based** [Min77, Tow80]. **resource** [MTC77]. **resources** [Kam75]. **Response** [She80, HS78]. **Response-time** [She80]. **restrictions** [Gre74]. **restructuring** [Nie83, Nie84]. **results** [SM79, Wey79]. **retention** [BS78, BCM⁺78a, BCM⁺78b, DNR81]. **retrieval** [AFC79, BCS72, EJM73, FC73, Ras82a, Raś82b, Wan75]. **retrieve** [SG72]. **retrieving** [BS73]. **revisited** [Tou85]. **rewriting** [Vel82]. **robot** [Jap81]. **robotic** [TF79]. **root** [AS81a, Ste80]. **Rough** [Paw82]. **rules** [TF82]. **run** [Ear74].

Safety [Bud83]. **sample** [FK84]. **scale** [SS78]. **scanner** [Hur84]. **scene** [Dd77]. **SCFG's** [PF75]. **Schachter** [Sha81]. **Scheduling** [HM83, BL81]. **Schema** [RM85, SI81, Wey79]. **schemata** [GF79, MT79, Tha79]. **scheme** [AIR83, BH81, Kod79, Min78, NT80, TL85]. **schemes** [Mae80]. **science** [Moy75]. **search** [Iba76, Iba78, NH74, OW82a, OW82b, ORSW84, Ste80]. **searches** [BR73]. **Searching** [Sto82, XT82]. **secondary** [NH74, YW75b]. **security** [Kak83]. **seeking** [Tou79b]. **segmentation** [Ang75]. **selection** [CD84, Das77, Duj80, YW75b]. **self** [IAT85a, IAT85b, Iva79, PIB⁺75, RM85]. **self-describing** [RM85]. **self-diagnosis** [IAT85a, IAT85b]. **self-documenting** [RM85]. **self-organization** [Iva79]. **self-organizing** [PIB⁺75]. **Semantic** [Boc79, Mis72, SM79, TF82, Tho82]. **semantics** [Ham77]. **semigroups** [Zal73]. **Sense** [Jap81]. **Sense-controlled** [Jap81]. **sensitive** [Boo73, Can76]. **separate** [Mae76]. **separation** [Kos83]. **Sequential** [DL76, PF75, VD74, Hwa75, Lei81, Mae76, Zal73]. **serializability** [BM85]. **series** [MJ74]. **set** [GM82, HK85, Hoo85, IH74, IAT85a, IAT85b, KC79]. **set-based** [Hoo85]. **set-covering** [HK85, IH74]. **sets** [FK84, Fur76, HC77, Paw82, Sto82, TA77]. **several** [SdV77]. **shapes** [BP83]. **shift** [CELT78]. **shift-register** [CELT78]. **similarity** [Ata84]. **simple** [Lee83a, SS83, Moy77]. **Simple-English** [Moy77]. **Simplification** [NK77]. **Simplified** [CELT78]. **Simulation** [HR82, BMS74, She80, Whi76]. **simulations** [MS74]. **single** [SdV77]. **size** [Bou74b]. **SLEUTH** [DL76]. **SLIDS** [IA72]. **software** [Nie84]. **solution** [HC77, Par84]. **solutions** [CCDK80, Sch79]. **Some** [Gre74, Hwa75, van72, DS85, Ell78, SM76]. **sort** [CELT78]. **sorting** [AK79a, MH82, Pay73, TL85, AK79b]. **sorts** [TL85]. **space** [Lee83b, Lee84, MH82, Tin77, YH84]. **Specification** [Nie84, APG85, CLM80, Vel82]. **specifications** [RV82]. **specified** [CM80]. **spectra** [Woo75]. **SQL** [Bra83b, Bra83a]. **SQL/N** [Bra83b, Bra83a]. **stability** [Dal75a]. **stage** [IA72]. **state** [Dal75a, Dal75b, Hur84, Lee83b, YH84]. **Stateless** [Lew81]. **statements** [Mae76]. **static** [Kan74]. **Statistical** [BWE80, Edm77]. **statistics** [Iva73]. **steam** [EJM73]. **Stochastic** [FH72, MT79, Yeh75]. **Storage** [YW75b, IA72, RG75, Tin77, Wal73, YW75a]. **store** [RG73]. **storing** [Ros75]. **strategies** [HR82, Iba76]. **strategy** [Kam75]. **strength** [DI80]. **String** [Sal78]. **strings** [PF75]. **structural** [Hwa75]. **structure** [BCS72, Boo73, Bus72, EC79, IA72, Lin74, Nau83, WM72a]. **structured** [BS78],

BCM⁺78a, BCM⁺78b, DNR81, Gui81].

Structures [RW73, AS81b, Fur76, Hoa75, Kat72, Lip72, Shn74, SS76, Wil72, Zak81, van72].

Structuring [BS73, WG72]. **student** [Tre75]. **study** [SKB77, Zak83]. **sub** [Che85a, Che85b]. **sub-LL** [Che85a, Che85b]. **subsymptomalogies** [Bou74b]. **Subword** [ELR75]. **support** [Bis85, HM82]. **Surjections** [CP84]. **survey** [Tho82]. **switching** [AM82, CM80, HK77, Kan74, Muz77, NK77].

synchronization [Las76, Shr75]. **Syntactic** [JS85a, JS85b, SM79, Tho82, FF76, JT83a, JT83b, Kai77, LF82]. **Syntactic/semantic** [SM79, Tho82]. **syntactical** [AH79, Har80, VD74]. **Syntax** [Ear74, BH82, MT79]. **syntax-directed** [MT79]. **synthesis** [Bie78, MJ74].

synthesized [Kod79]. **system** [APG85, BBDS80, BL81, DB78, Gui81, Hin76, HR83, Hoo85, Iva73, Kam75, Koc77, MMF74, SKB77, Whi76, dLD85]. **systems** [AS80, AS81a, Bow76, Bud83, CCDK80, CW79, Ell78, JMW81a, HM83, HM82, Hun72, HS78, JMW81b, Kan74, Koc77, Min77, Min78, Put80, Ras82a, Sch84, SS84, Sta76, Sub85a, Sub85b, Tha79, Vel82, Raš82b, Woo75, Zak81, Roz73]. **systolic** [JS85a, HS85, JS85b]. **Szilard** [Woo75].

table [NH74]. **tabled** [CW79, Roz73].

tabular [Wil72]. **taxisway** [HK85]. **teacher** [DL76, DL79]. **technique** [Can76, Das77, Dor76, HT81, Kos83, Kos84, LMN74, Pay73, Tou79b, Tou79a].

techniques [EJM73, TP76, Tho82].

technology [HS85]. **temporal** [Orl82b, FC73, Orl82a]. **testing** [SS78]. **text** [Hun72, Tin77]. **texture** [MJ74, MJ75].

their [AM82, Dal75a, Dor76, RV82].

theorem [CTW74, EC79, MV74, Tow80].

theorem-prover [CTW74]. **Theoretical** [Iba76]. **theory** [Bow76, Cas83, Iva79, MJ75, RG73, SS76].

thesaurus [RW73]. **Theta** [AD81].

Theta-join [AD81]. **thresholding** [Tou79a].

Time [BS78, BCM⁺78a, Kos83, MJ74, AIR83, Ang75, BCM⁺78b, Ear74, FC73, Hwa75, Koc77, Lee84, She80, Whi76].

time-varying [Hwa75]. **times** [HS78].

tolerance [Dal75a, Dal75b]. **tool** [BMS74].

topological [Bro83]. **topology** [AR83].

Towers [Er84]. **TPL** [dLD85]. **Trace** [CLYY85]. **traces** [Ham77]. **trained** [DB78].

transaction [BL81]. **transducers** [LF82].

transform [KH84]. **translation** [MT79, SS76]. **transportable** [dLD85].

treatment [BD72, BD73]. **tree** [BTG83a, BTG83b, DS85, FK84, GET76, JS85a, JS85b, LF82, Par84, TP76]. **trees** [FHP81, FK84, OW82a, OW82b, ORSW84, Pro79, Ste80, ZB81, Zak83]. **triangulation** [LS80, Sha81]. **trivial** [JT83a, JT83b].

turbine [EJM73]. **Turing** [Lew81]. **Two** [Cla73, LS80, BR81, IA72].

two-dimensional [BR81]. **Two-level** [Cla73]. **two-stage** [IA72]. **type** [GG82, RV82, Vou84]. **type-** [Vou84]. **types** [ML80, Vel82]. **typology** [Bro83].

unambiguous [AS77, Wan75].

understander [Jor77]. **understanding** [BBDS80, Tou80a]. **unfamiliar** [DL76].

unified [WM72a]. **unimodality** [Tou84].

units [HS85]. **unsolvability** [Hug72].

unsupervised [Bro82, Das77, SD79].

update [Dut85]. **use** [DW84, Moy80].

Useless [CM80]. **Using** [Gab76, CELT78, Ear74, Har80, Iva79, PIB⁺75, Tre75].

V [Bou77]. **validity** [BWE80]. **variable** [Bis85]. **variables** [BD72, PIB⁺75, BD73].

variations [DS85, Joh76, Sto79]. **various** [ELR75]. **varying** [Hwa75]. **vector** [Pay73, Tha79]. **VEDIC** [DL79].

verification [DW84, Gli83]. **versa** [Moy75].

versus [ZB81]. **VI** [WM72a]. **via**

[RV82, TG72, Vel82]. **vice** [Moy75]. **view** [GP83]. **VLSI** [Hur84, HS85].

W [Gre74]. **W-grammars** [Gre74]. **waveform** [Jai73]. **way** [San74, SS83]. **WCRL** [AS80]. **WFTA** [HT81]. **which** [JNS83a, JNS83b]. **whose** [JT83a, JT83b, TL85]. **workload** [Kam75]. **zero** [ILBM72]. **zero-one** [ILBM72]. **Zoom** [Tou79a]. **Zoom-thresholding** [Tou79a].

[AK79a]

ally efficient algorithms for a one-time pad scheme. *International Journal of Computer and Information Sciences*, 12(4):285–316, August 1983. CODEN IJCIAH. ISSN 0091-7036.

Anisimov:1979:IS

A. V. Anisimov and D. E. Knuth. Inhomogeneous sorting. *International Journal of Computer and Information Sciences*, 8(4):255–260, August 1979. CODEN IJCIAH. ISSN 0091-7036.

V:1979:IS

A. V. Anisimov and D. E. Knuth. Inhomogeneous sorting. *International Journal of Computer and Information Sciences*, 8(4):255–260, 1979.

Alia:1982:SNF

G. Alia and E. Martinelli. On switching network functionalities and their relationships. *International Journal of Computer and Information Sciences*, 11(2):123–138, April 1982. CODEN IJCIAH. ISSN 0091-7036.

Ang:1975:HAP

Beng-Tung Ang. A heuristic-adaptive procedure for segmentation of time patterns. *International Journal of Computer and Information Sciences*, 4(4):329–348, December 1975. CODEN IJCIAH. ISSN 0091-7036.

Agrawal:1985:TFS

V. K. Agrawal, L. M. Patnaik, and P. S. Goel. Towards formal specification of a distributed

Arora:1981:TN

[AD81] S. K. Arora and S. R. Dumpala. Theta-join and normalization. *International Journal of Computer and Information Sciences*, 10(4):261–281, August 1981. CODEN IJCIAH. ISSN 0091-7036.

Al-Fedaghi:1979:AAC

[AFC79] S. S. Al-Fedaghi and Y. H. Chin. Algorithmic approach to the consecutive retrieval property. *International Journal of Computer and Information Sciences*, 8(4):279–301, August 1979. CODEN IJCIAH. ISSN 0091-7036.

Alter:1979:ESG

[AH79] Ronald Alter and Johnson M. Hart. Enumerating syntactical graphs and lattices of derivations. *International Journal of Computer and Information Sciences*, 8(4):261–277, August 1979. CODEN IJCIAH. ISSN 0091-7036.

Akritas:1983:CEA

[AIR83] A. G. Akritas, S. S. Iyengar, and A. A. Rampuria. Computation-

[AK79b]

[AM82]

[Ang75]

[APG85]

- computing system. *International Journal of Computer and Information Sciences*, 14(5):277–306, October 1985. CODEN IJCIAH. ISSN 0091-7036.
- Ankeney:1983:CTA**
- [AR83] Lawrence A. Ankeney and Gerhard X. Ritter. Cellular topology and its applications in image processing. *International Journal of Computer and Information Sciences*, 12(6):433–456, December 1983. CODEN IJCIAH. ISSN 0091-7036.
- Aalto:1977:DNU**
- [AS77] S. Aalto and E. Schuegraf. Determination of the number of unambiguous bit matrices. *International Journal of Computer and Information Sciences*, 6(3):223–235, September 1977. CODEN IJCIAH. ISSN 0091-7036.
- Arora:1980:WDM**
- [AS80] S. K. Arora and K. C. Smith. WCRL: a data model independent language for database systems. *International Journal of Computer and Information Sciences*, 9(4):287–305, August 1980. CODEN IJCIAH. ISSN 0091-7036.
- Arora:1981:GNF**
- [AS81a] S. K. Arora and K. C. Smith. Graphical normal forms based on root dependencies in relational data base systems. *International Journal of Computer and Information Sciences*, 10(4):235–259, August 1981. CODEN IJCIAH. ISSN 0091-7036.
- [AS81b]
- Arora:1981:GID**
- Sudhir K. Arora and K. C. Smith. A graphical interpretation of dependency structures in relational data bases. *International Journal of Computer and Information Sciences*, 10(3):187–213, June 1981. CODEN IJCIAH. ISSN 0091-7036.
- Atallah:1984:CSP**
- Mikhail J. Atallah. Checking similarity of planar figures. *International Journal of Computer and Information Sciences*, 13(4):279–290, August 1984. CODEN IJCIAH. ISSN 0091-7036.
- Babu:1973:APD**
- C. Chitti Babu. On the application of probabilistic distance measures for the extraction of features from imperfectly labeled patterns. *International Journal of Computer and Information Sciences*, 2(2):103–114, June 1973. CODEN IJCIAH. ISSN 0091-7036.
- Bernorio:1980:QDD**
- [BBDS80] M. Bernorio, M. Bertoni, A. Dabbene, and M. Somalvico. Querying databases with a domain-oriented natural language understanding system. *International Journal of Computer and Information Sciences*, 9(2):141–159, April 1980. CODEN IJCIAH. ISSN 0091-7036.
- Berry:1978:TRRa**
- [BCM⁺78a] D. M. Berry, L. M. Chirica, D. F. Martin, A. Sorkin, and J. B.

- Johnson. Time required for reference count management in retention block-structured languages. I. *International Journal of Computer and Information Sciences*, 7(1):11–64, March 1978. CODEN IJCIAH. ISSN 0091-7036.
- [BCM⁺78b] D. M. Berry, L. M. Chirica, D. F. Martin, A. Sorkin, and J. B. Johnston. On the time required for reference count management in retention block-structured languages. II. *International Journal of Computer and Information Sciences*, 7(2):91–119, June 1978. CODEN IJCIAH. ISSN 0091-7036.
- [BCS72] K. O. Biss, R. T. Chien, and F. A. Stahl. A data structure for cognitive information retrieval. *International Journal of Computer and Information Sciences*, 1(1):17–27, March 1972. CODEN IJCIAH. ISSN 0091-7036.
- [BD72] C. Bohm and M. Dezani. A CUCH-machine: the automatic treatment of bound variables. *International Journal of Computer and Information Sciences*, 1(2):171–191, June 1972. CODEN IJCIAH. ISSN 0091-7036.
- [BD73] C. Bohm and M. Dezani. Notes on ‘A CUCH-machine: the automatic treatment of bound variables’. *International Journal of Computer and Information Sciences*, 1(3):209–226, September 1973. CODEN IJCIAH. ISSN 0091-7036.
- [Bie78] K. O. Biss. A data structure for cognitive information retrieval. *International Journal of Computer and Information Sciences*, 1(1):17–27, March 1972. CODEN IJCIAH. ISSN 0091-7036.
- [Bis85] P. Biswas. Architectural support for variable addressing in Ada — a design approach. *International Journal of Computer and Information Sciences*, 14(1):51–72, February 1985. CODEN IJCIAH. ISSN 0091-7036.
- [BL81] B. Bhargava and L. Lilien. On optimal scheduling of integrity constraints. *Computer and Information Sciences*, 2(2):157–160, June 1973. CODEN IJCIAH. ISSN 0091-7036.
- [BH81] B. Bhargava and C. Hua. Cost analysis of recovery block scheme and its implementation issues. *International Journal of Computer and Information Sciences*, 10(6):359–382, December 1981. CODEN IJCIAH. ISSN 0091-7036.
- [Berry:1978:TRRb] B. Bhargava and C. Hua. Cost analysis of recovery block scheme and its implementation issues. *International Journal of Computer and Information Sciences*, 10(6):359–382, December 1981. CODEN IJCIAH. ISSN 0091-7036.
- [Biss:1972:DSC] K. O. Biss. A data structure for cognitive information retrieval. *International Journal of Computer and Information Sciences*, 1(1):17–27, March 1972. CODEN IJCIAH. ISSN 0091-7036.
- [Bohm:1972:CAT] C. Bohm and M. Dezani. A CUCH-machine: the automatic treatment of bound variables. *International Journal of Computer and Information Sciences*, 1(2):171–191, June 1972. CODEN IJCIAH. ISSN 0091-7036.
- [Bohm:1973:NCA] C. Bohm and M. Dezani. Notes on ‘A CUCH-machine: the automatic treatment of bound variables’. *International Journal of Computer and Information Sciences*, 1(3):209–226, September 1973. CODEN IJCIAH. ISSN 0091-7036.
- [Bhargava:1981:CAR] B. Bhargava and C. Hua. Cost analysis of recovery block scheme and its implementation issues. *International Journal of Computer and Information Sciences*, 10(6):359–382, December 1981. CODEN IJCIAH. ISSN 0091-7036.
- [Barnard:1982:HSE] David T. Barnard and Richard C. Holt. Hierarchic syntax error repair for LR grammars. *International Journal of Computer and Information Sciences*, 11(4):231–258, August 1982. CODEN IJCIAH. ISSN 0091-7036.
- [Biermann:1978:AII] A. W. Biermann. Automatic insertion of indexing instructions in program synthesis. *International Journal of Computer and Information Sciences*, 7(1):65–90, March 1978. CODEN IJCIAH. ISSN 0091-7036.
- [Biswas:1985:ASV] P. Biswas. Architectural support for variable addressing in Ada — a design approach. *International Journal of Computer and Information Sciences*, 14(1):51–72, February 1985. CODEN IJCIAH. ISSN 0091-7036.
- [Bhargava:1981:OSI] B. Bhargava and L. Lilien. On optimal scheduling of integrity constraints. *Computer and Information Sciences*, 2(2):157–160, June 1973. CODEN IJCIAH. ISSN 0091-7036.

- assertions in a transaction processing system. *International Journal of Computer and Information Sciences*, 10(5):315–330, October 1981. CODEN IJCIAH. ISSN 0091-7036.
- Brzozowski:1985:S**
- [BM85] J. A. Brzozowski and S. Muro. On serializability. *International Journal of Computer and Information Sciences*, 14(6):387–403, December 1985. CODEN IJCIAH. ISSN 0091-7036.
- Bowdon:1974:STP**
- [BMS74] E. K. Bowdon, Sr., S. A. Mamrak, and F. R. Salz. A simulation tool for performance evaluation of the IBM 360/75. *International Journal of Computer and Information Sciences*, 3(1):33–57, March 1974. CODEN IJCIAH. ISSN 0091-7036.
- Bochmann:1979:SEC**
- [Boc79] Gregor V. Bochmann. Semantic equivalence of covering attribute grammars. *International Journal of Computer and Information Sciences*, 8(6):523–539, December 1979. CODEN IJCIAH. ISSN 0091-7036.
- Book:1973:SCG**
- [Boo73] R. V. Book. On the structure of context-sensitive grammars. *International Journal of Computer and Information Sciences*, 2(2):129–139, June 1973. CODEN IJCIAH. ISSN 0091-7036.
- Bouckaert:1974:CDGa**
- [Bou74a] A. Bouckaert. Computer diagnosis of goiters. IV. optimal plan-
- [Bou74b] ning of physical observations. *International Journal of Computer and Information Sciences*, 3(1):71–92, March 1974. CODEN IJCIAH. ISSN 0091-7036.
- Bouckaert:1974:CDGb**
- A. Bouckaert. Computer diagnosis of goiters. the optimal size of optimal subsymptomalogies. *International Journal of Computer and Information Sciences*, 3(4):345–362, December 1974. CODEN IJCIAH. ISSN 0091-7036.
- Bouckaert:1977:CDG**
- A. Bouckaert. Computer diagnosis of goiters. V. the input. *International Journal of Computer and Information Sciences*, 6(3):237–261, September 1977. CODEN IJCIAH. ISSN 0091-7036.
- Bowie:1976:AGT**
- [Bow76] W. S. Bowie. Applications of graph theory in computer systems. *International Journal of Computer and Information Sciences*, 5(1):9–31, March 1976. CODEN IJCIAH. ISSN 0091-7036.
- Badii:1983:AMP**
- F. Badi'i and B. Peikari. Approximation of multipath planar shapes in pattern analysis. *International Journal of Computer and Information Sciences*, 12(2):99–110, April 1983. CODEN IJCIAH. ISSN 0091-7036.
- Burke:1973:BFA**
- [BR73] J. M. Burke and J. T. Rickman. Bitmaps and filters for

- attribute-oriented searches. *International Journal of Computer and Information Sciences*, 2(3):187–200, September 1973. CODEN IJCIAH. ISSN 0091-7036.
- Boyles:1981:EAT**
- [BR81] Stephanie M. Boyles and Gerhard X. Ritter. The encoding of arbitrary two-dimensional geometric configurations. *International Journal of Computer and Information Sciences*, 10(1):1–25, February 1981. CODEN IJCIAH. ISSN 0091-7036.
- Bradley:1983:ASA**
- [Bra83a] J. Bradley. Application of SQL/N to the attribute-relation associations implicit in functional dependencies. *International Journal of Computer and Information Sciences*, 12(2):65–86, April 1983. CODEN IJCIAH. ISSN 0091-7036.
- Bradley:1983:AAR**
- [Bra83b] James Bradley. Application of SQL/N to the attribute-relation associations implicit in functional dependencies. *International Journal of Computer and Information Sciences*, 12(2):65–86, 1983.
- Brody:1982:PUA**
- [Bro82] E. J. Brody. A procedure for the unsupervised abduction of linguistic distributional classes in probabilistic languages. *International Journal of Computer and Information Sciences*, 11(3):193–210, June 1982. CODEN IJCIAH. ISSN 0091-7036.
- [Bro83] E. J. Brody. A topological formulation of linguistic typology. *International Journal of Computer and Information Sciences*, 12(3):137–150, June 1983. CODEN IJCIAH. ISSN 0091-7036.
- Brody:1983:TFL**
- [BS73] K. Brunnstein and J. W. Schmidt. Structuring and retrieving information in computer-based learning. *International Journal of Computer and Information Sciences*, 2(2):89–101, June 1973. CODEN IJCIAH. ISSN 0091-7036.
- Brunnstein:1973:SRI**
- [BS78] D. M. Berry and A. Sorkin. Time required for garbage collection in retention block-structured languages. *International Journal of Computer and Information Sciences*, 7(4):361–404, December 1978. CODEN IJCIAH. ISSN 0091-7036.
- Berry:1978:TRG**
- [BT85] D. Brzakovic and J. T. Tou. An approach to computer-aided document examination. *International Journal of Computer and Information Sciences*, 14(6):365–385, December 1985. CODEN IJCIAH. ISSN 0091-7036.
- Brzakovic:1985:ACD**
- [BTG83a] A. Barrero, M. G. Thomason, and R. C. Gonzalez. Regular-like tree expressions. *International Journal of Computer and Information Sciences*, 12(1):1–11, 1983.
- Barrero:1983:RLT**

- | | |
|---|---|
| <p>Barrero:1983:RTE</p> <p>[BTG83b] A. Barrero, M. G. Thomason, and R. C. Gonzalez. Regular-like tree expressions. <i>International Journal of Computer and Information Sciences</i>, 12(1):1–121, February 1983. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Budd:1983:SGP</p> <p>[Bud83] Timothy A. Budd. Safety in grammatical protection systems. <i>International Journal of Computer and Information Sciences</i>, 12(6):413–431, December 1983. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Busam:1972:DSP</p> <p>[Bus72] V. A. Busam. A dictionary structure for a PL/1 compiler. <i>International Journal of Computer and Information Sciences</i>, 1(3):235–253, September 1972. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Bezdek:1980:SPC</p> <p>[BWE80] James C. Bezdek, Michael P. Windham, and Robert Ehrlich. Statistical parameters of cluster validity functionals. <i>International Journal of Computer and Information Sciences</i>, 9(4):323–336, August 1980. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Cannon:1976:ATC</p> <p>[Can76] R. L. Cannon, Jr. An algebraic technique for context-sensitive parsing. <i>International Journal of Computer and Information Sciences</i>, 5(3):257–276, September 1976. CODEN IJCIAH. ISSN 0091-7036.</p> | <p>Cannon:1979:NCL</p> <p>[Can79] Robert L. Cannon, Jr. Notes on canonical label languages. <i>International Journal of Computer and Information Sciences</i>, 8(2):141–148, April 1979. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Casanova:1983:TDD</p> <p>[Cas83] Marco A. Casanova. A theory of data dependencies over relational expressions. <i>International Journal of Computer and Information Sciences</i>, 12(3):151–191, June 1983. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Charnes:1980:CCS</p> <p>[CCDK80] A. Charnes, W. W. Cooper, S. Duffuaa, and M. Kress. Complexity and computability of solutions to linear programming systems. <i>International Journal of Computer and Information Sciences</i>, 9(6):483–506, December 1980. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Chang:1984:CHC</p> <p>[CD84] S. K. Chang and J. C. Dorng. Concatenated hash code selection. <i>International Journal of Computer and Information Sciences</i>, 13(5):395–412, October 1984. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Chen:1978:SOS</p> <p>[CELT78] T. C. Chen, K. P. Eswaran, V. Y. Lum, and C. Tung. Simplified odd-even sort using multiple shift-register loops. <i>International Journal of Computer and</i></p> |
|---|---|

- Information Sciences*, 7(3):295–314, September 1978. CODEN IJCIAH. ISSN 0091-7036.
- Chen:1980:FCR**
- [Che80] Tsong Yueh Chen. Formalization of correctness of recursive definitions. *International Journal of Computer and Information Sciences*, 9(1):55–61, February 1980. CODEN IJCIAH. ISSN 0091-7036.
- Chen:1985:GSG**
- [Che85a] Jin Hua Chen. LL(1) grammars and sub-LL(1) grammars. *International Journal of Computer and Information Sciences*, 14(4):225–234, 1985.
- Chen:1985:LGS**
- [Che85b] Jinhua Chen. LL(1) grammar and Sub-LL(1) grammars. *International Journal of Computer and Information Sciences*, 14(4):225–234, August 1985. CODEN IJCIAH. ISSN 0091-7036.
- Chang:1982:FAD**
- [CL82] Shi Kuo Chang and An Chi Liu. File allocation in a distributed database. *International Journal of Computer and Information Sciences*, 11(5):325–340, October 1982. CODEN IJCIAH. ISSN 0091-7036.
- Clark:1973:PTO**
- [Cla73] J. L. Clark. PATRICIA-II. two-level overlaid indexes for large libraries. *International Journal of Computer and Information Sciences*, 2(4):269–292, December 1973. CODEN IJCIAH. ISSN 0091-7036.
- Cunha:1980:DSM**
- [CLM80] P. R. F. Cunha, C. J. Lucena, and T. S. E. Maibaum. On the design and specification of message oriented programs. *International Journal of Computer and Information Sciences*, 9(3):161–191, June 1980. CODEN IJCIAH. ISSN 0091-7036.
- Chang:1985:TCG**
- [CLYY85] S. K. Chang, B. Luo, C. C. Yang, and M. C. K. Yang. Trace confirmation with given object position. *International Journal of Computer and Information Sciences*, 14(6):439–453, December 1985. CODEN IJCIAH. ISSN 0091-7036.
- Cutler:1980:UPI**
- [CM80] Robert B. Cutler and Saburo Muroga. Useless prime implicants of incompletely specified multiple-output switching functions. *International Journal of Computer and Information Sciences*, 9(4):337–350, August 1980. CODEN IJCIAH. ISSN 0091-7036.
- Chan:1985:NMP**
- [CM85] B. Chan and H. Meijer. A note on the method of puzzles for key distribution. *International Journal of Computer and Information Sciences*, 14(4):221–223, August 1985. CODEN IJCIAH. ISSN 0091-7036.

- | | |
|--|---|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Chang:1984:SC</div> <p>[CP84] Lena Chang and Arthur T. Poe. Surjections and coverings. <i>International Journal of Computer and Information Sciences</i>, 13(6):509–520, December 1984. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Cohen:1980:INL</div> <p>[CS80] J. Cohen and R. Stachel. An interpreter for a nondeterministic language. <i>International Journal of Computer and Information Sciences</i>, 9(3):193–217, June 1980. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Cohen:1974:NTD</div> <p>[CTW74] J. Cohen, L. Trilling, and P. Wegner. A nucleus of a theorem-prover described in ALGOL-68. <i>International Journal of Computer and Information Sciences</i>, 3(1):1–31, March 1974. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Culik:1979:DDT</div> <p>[CW79] K. Culik, II and D. Wood. Doubly deterministic tabled OL systems. <i>International Journal of Computer and Information Sciences</i>, 8(4):335–347, August 1979. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">DalCin:1975:FAT</div> <p>[Dal75a] M. Dal Cin. Fuzzy-state automata: their stability and fault tolerance. <i>International Journal of Computer and Information Sciences</i>, 4(1):63–80, March 1975. CODEN IJCIAH. ISSN 0091-7036.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">DalCin:1975:MTF</div> <p>[Dal75b] M. Dal Cin. Modification tolerance of fuzzy-state automata. <i>International Journal of Computer and Information Sciences</i>, 4(1):81–93, March 1975. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Dasarathy:1977:FFE</div> <p>[Das77] B. V. Dasarathy. FEAST: feature evaluation and selection technique for deployment in unsupervised nonparametric environments. <i>International Journal of Computer and Information Sciences</i>, 6(4):307–315, December 1977. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Dasarathy:1978:CCH</div> <p>[DB78] B. V. Dasarathy and K. P. Bharath Kumar. CHITRA: cognitive handprinted input-trained recursively analyzing system for recognition of alphanumeric characters. <i>International Journal of Computer and Information Sciences</i>, 7(3):253–282, September 1978. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">DiasVelasco:1977:AFL</div> <p>[Dd77] F. R. Dias Velasco and C. de Renna e Souza. An application of formal linguistics to scene recognition. <i>International Journal of Computer and Information Sciences</i>, 6(4):289–306, December 1977. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Dhamdhere:1980:CAS</div> <p>[DI80] D. M. Dhamdhere and J. R. Isaac. A composite algorithm</p> |
|--|---|

- for strength reduction and code movement optimization. *International Journal of Computer and Information Sciences*, 9(3):243–273, June 1980. CODEN IJCIAH. ISSN 0091-7036.
- Diday:1973:DCM**
- [Did73] E. Diday. The dynamic clusters method in nonhierarchical clustering. *International Journal of Computer and Information Sciences*, 2(1):61–88, March 1973. CODEN IJCIAH. ISSN 0091-7036.
- Dasarathy:1976:SLE**
- [DL76] B. V. Dasarathy and A. L. Lakshminarasimhan. Sequential learning employing unfamiliar teacher hypothesis (SLEUTH) with concurrent estimation of both the parameters and teacher characteristics. *International Journal of Computer and Information Sciences*, 5(1):1–7, March 1976. CODEN IJCIAH. ISSN 0091-7036.
- Dasarathy:1979:LUV**
- [DL79] B. V. Dasarathy and A. L. Lakshminarasimhan. Learning under a VEDIC teacher (pattern recognition). *International Journal of Computer and Information Sciences*, 8(1):75–88, February 1979. CODEN IJCIAH. ISSN 0091-7036.
- deMaine:1985:TPL**
- [dLD85] P. A. D. de Maine, S. Leong, and C. G. Davis. A transportable programming language (TPL) system. I overview. *International Journal of Computer and Information Sciences*, 14(3):161–182, June 1985. CODEN IJCIAH. ISSN 0091-7036.
- dosSantos:1981:CMD**
- [dMF81] C. S. dos Santos, T. S. E. Maibaum, and A. L. Furtado. Conceptual modeling of data base operations. *International Journal of Computer and Information Sciences*, 10(5):299–314, October 1981. CODEN IJCIAH. ISSN 0091-7036.
- DiSanto:1981:EIR**
- [DNR81] M. Di Santo, L. Nigro, and W. Russo. On the efficient implementation of retention block-structured languages. *International Journal of Computer and Information Sciences*, 10(1):39–54, February 1981. CODEN IJCIAH. ISSN 0091-7036.
- Dorrough:1976:PCT**
- [Dor76] D. Dorrough. Pattern classes: a technique for recovering their distributions. *International Journal of Computer and Information Sciences*, 5(2):165–199, June 1976. CODEN IJCIAH. ISSN 0091-7036.
- Dandamudi:1985:EPC**
- [DS85] S. P. Dandamudi and P. G. Sorenson. An empirical performance comparison of some variations of the k - d tree and BD tree. *International Journal of Computer and Information Sciences*, 14(3):135–159, June 1985. CODEN IJCIAH. ISSN 0091-7036.

- Dujmovic:1980:CSC**
- [Duj80] J. J. Dujmovic. Computer selection and criteria for computer performance evaluation. *International Journal of Computer and Information Sciences*, 9(6):435–458, December 1980. CODEN IJCIAH. ISSN 0091-7036.
- Dutta:1985:MMC**
- [Dut85] A. Dutta. Modeling of multiple copy update costs for file allocation in distributed databases. *International Journal of Computer and Information Sciences*, 14(1):29–34, February 1985. CODEN IJCIAH. ISSN 0091-7036.
- Dasgupta:1984:UHL**
- [DW84] Subrata Dasgupta and Alan Wagner. The use of Hoare logic in the verification of horizontal microprograms. *International Journal of Computer and Information Sciences*, 13(6):461–490, December 1984. CODEN IJCIAH. ISSN 0091-7036.
- Earley:1974:SEU**
- [Ear74] J. Earley. Syntax extension using a run time model. *International Journal of Computer and Information Sciences*, 3(3):189–196, September 1974. CODEN IJCIAH. ISSN 0091-7036.
- Epstein:1979:STE**
- [EC79] H. I. Epstein and B. F. Caviness. A structure theorem for the elementary functions and its application to the identity problem. *International Journal of Computer and Information Sciences*, 8(1):9–37, February 1979.
- Edmundson:1977:SIM**
- [Edm77] H. P. Edmundson. Statistical inference in mathematical and computational linguistics. *International Journal of Computer and Information Sciences*, 6(2):95–129, June 1977. CODEN IJCIAH. ISSN 0091-7036.
- Ealer:1973:DBO**
- [EJM73] G. C. Ealer, N. F. Jensen, and E. G. Monaco. Data base organization and retrieval techniques for steam turbine engineering. *International Journal of Computer and Information Sciences*, 2(4):293–309, December 1973. CODEN IJCIAH. ISSN 0091-7036.
- Ellis:1978:ASA**
- [Ell78] Clarence A. Ellis. Analysis of some abstract measures of protection in computer systems. *International Journal of Computer and Information Sciences*, 7(3):219–251, September 1978. CODEN IJCIAH. ISSN 0091-7036.
- Ehrenfeucht:1975:SCV**
- [ELR75] A. Ehrenfeucht, K. P. Lee, and G. Rozenberg. Subword complexities of various classes of deterministic developmental languages with interactions. *International Journal of Computer and Information Sciences*, 4(3):219–236, September 1975. CODEN IJCIAH. ISSN 0091-7036.

- Er:1984:IAC**
- [Er84] M. C. Er. An iterative algorithm for the cyclic Towers of Hanoi problem. *International Journal of Computer and Information Sciences*, 13(2):123–129, April 1984. CODEN IJCIAH. ISSN 0091-7036.
- Elmagarmid:1985:PDD**
- [ES85] A. K. Elmagarmid and A. P. Sheth. A partially distributed deadlock detection algorithm. *International Journal of Computer and Information Sciences*, 14(5):307–330, October 1985. CODEN IJCIAH. ISSN 0091-7036.
- Edmundson:1979:NPC**
- [ET79] H. P. Edmundson and Immanuel I. Tung. The notion of a probabilistic cellular acceptor. *International Journal of Computer and Information Sciences*, 8(3):181–208, June 1979. CODEN IJCIAH. ISSN 0091-7036.
- Findler:1973:PTR**
- [FC73] N. V. Findler and D. Chen. On the problems of time, retrieval of temporal relations, causality, and coexistence. *International Journal of Computer and Information Sciences*, 2(3):161–185, September 1973. CODEN IJCIAH. ISSN 0091-7036.
- Fung:1976:ESD**
- [FF76] L. W. Fung and K. S. Fu. An error-correcting syntactic decoder for computer networks. *International Journal of Computer and Information Sciences*, 5(1):45–58, March 1976. CODEN IJCIAH. ISSN 0091-7036.
- Fu:1972:SGL**
- [FH72] K. S. Fu and T. Huang. Stochastic grammars and languages. *International Journal of Computer and Information Sciences*, 1(2):135–170, June 1972. CODEN IJCIAH. ISSN 0091-7036.
- Farley:1981:PTM**
- [FHP81] Arthur Farley, Stephen Hedetniemi, and Andrzej Proskurowski. Partitioning trees: matching, domination, and maximum diameter. *International Journal of Computer and Information Sciences*, 10(1):55–61, February 1981. CODEN IJCIAH. ISSN 0091-7036.
- Fukuda:1984:ITA**
- [FK84] H. Fukuda and K. Kamata. Inference of tree automata from sample sets of trees. *International Journal of Computer and Information Sciences*, 13(3):177–196, June 1984. CODEN IJCIAH. ISSN 0091-7036.
- Furtado:1976:CSD**
- [Fur76] A. L. Furtado. Characterizing sets of data structures by the connectivity relation. *International Journal of Computer and Information Sciences*, 5(2):89–109, June 1976. CODEN IJCIAH. ISSN 0091-7036.
- Gabow:1976:UEP**
- [Gab76] H. N. Gabow. Using Euler partitions to edge color bipartite

- multigraphs. *International Journal of Computer and Information Sciences*, 5(4):345–355, December 1976. CODEN IJCIAH. ISSN 0091-7036.
- Gonzalez:1976:AIT**
- [GET76] R. C. Gonzalez, J. J. Edwards, and M. G. Thomason. An algorithm for the inference of tree grammars. *International Journal of Computer and Information Sciences*, 5(2):145–164, June 1976. CODEN IJCIAH. ISSN 0091-7036.
- Gotlieb:1979:DSB**
- [GF79] C. C. Gotlieb and A. L. Furtado. Data schemata based on directed graphs. *International Journal of Computer and Information Sciences*, 8(1):39–73, February 1979. CODEN IJCIAH. ISSN 0091-7036.
- Gilioi:1982:CRH**
- [GG82] W. K. Giloi and R. Gueth. Concepts and realization of a high-performance data type architecture. *International Journal of Computer and Information Sciences*, 11(1):25–54, February 1982. CODEN IJCIAH. ISSN 0091-7036.
- Gligor:1983:VPM**
- [Gli83] V. D. Gligor. The verification of the protection mechanisms of high-level language machines. *International Journal of Computer and Information Sciences*, 12(4):211–246, August 1983. CODEN IJCIAH. ISSN 0091-7036.
- [GM82] John Grant and Jack Minker. On optimizing the evaluation of a set of expressions. *International Journal of Computer and Information Sciences*, 11(3):179–191, June 1982. CODEN IJCIAH. ISSN 0091-7036.
- Grant:1982:OES**
- [GP83] M. Gyssens and J. Paredaens. Another view of functional and multivalued dependencies in the relational database model. *International Journal of Computer and Information Sciences*, 12(4):247–267, August 1983. CODEN IJCIAH. ISSN 0091-7036.
- Gyssens:1983:AVF**
- [Gre74] S. A. Greibach. Some restrictions on W-grammars. *International Journal of Computer and Information Sciences*, 3(4):289–327, December 1974. CODEN IJCIAH. ISSN 0091-7036.
- Greibach:1974:SRW**
- [Gui81] G. Guida. An effective preprocessor for structured FORTRAN: the HENTRAN system. *International Journal of Computer and Information Sciences*, 10(4):283–297, August 1981. CODEN IJCIAH. ISSN 0091-7036.
- Guida:1981:EPS**
- [Gut76] A. J. Guttmann. Programming recursively defined functions in FORTRAN. *International Journal of Computer and Information Sciences*, 5(2):111–122, June 1976. CODEN IJCIAH. ISSN 0091-7036.
- Guttmann:1976:PRD**

- Hamlet:1977:ETP**
- [Ham77] R. G. Hamlet. Execution traces and programming-language semantics. *International Journal of Computer and Information Sciences*, 6(4):263–278, December 1977. CODEN IJCIAH. ISSN 0091-7036.
- Hart:1980:FRB**
- [Har80] Johnson M. Hart. Fast recognition of Baxter permutations using syntactical and complete bipartite composite dag's. *International Journal of Computer and Information Sciences*, 9(4):307–321, August 1980. CODEN IJCIAH. ISSN 0091-7036.
- Hellerman:1977:SMP**
- [HC77] H. Hellerman and R. Cavallo. On the solution of multiattribute problems involving counting in intersecting sets. *International Journal of Computer and Information Sciences*, 6(1):1–7, March 1977. CODEN IJCIAH. ISSN 0091-7036.
- Hinomoto:1976:OFI**
- [Hin76] H. Hinomoto. Observations of a firm's information processing with a data base management system. *International Journal of Computer and Information Sciences*, 5(3):277–302, September 1976. CODEN IJCIAH. ISSN 0091-7036.
- Hughes:1977:AFA**
- [HK77] J. S. Hughes and A. Kandel. Applications of fuzzy algebra to hazard detection in combinational switching circuits. *International Journal of Computer and Information Sciences*, 6(1):71–82, March 1977. CODEN IJCIAH. ISSN 0091-7036.
- Harnett:1985:OTR**
- [HK85] R. M. Harnett and G. C. Kiel. Optimal taxiway repair: a set-covering approach. *International Journal of Computer and Information Sciences*, 14(6):405–419, December 1985. CODEN IJCIAH. ISSN 0091-7036.
- Hassen:1982:ESD**
- [HM82] J. V. Hassen and W. F. Messier, Jr. Expert systems for decision support in EDP auditing. *International Journal of Computer and Information Sciences*, 11(5):357–379, October 1982. CODEN IJCIAH. ISSN 0091-7036.
- Hansen:1983:SME**
- [HM83] J. V. Hansen and W. F. Messier, Jr. Scheduling the monitoring of EDP controls in online systems. *International Journal of Computer and Information Sciences*, 12(1):35–46, February 1983. CODEN IJCIAH. ISSN 0091-7036.
- Hoare:1975:RDS**
- [Hoa75] C. A. R. Hoare. Recursive data structures. *International Journal of Computer and Information Sciences*, 4(2):105–132, June 1975. CODEN IJCIAH. ISSN 0091-7036.
- Hofri:1978:GAM**
- [Hof78] M. Hofri. A generating-function analysis of multiprogramming

- queues. *International Journal of Computer and Information Sciences*, 7(2):121–155, June 1978. CODEN IJCIAH. ISSN 0091-7036.
- Hong:1985:AEM**
- [Hon85] Jia Rong Hong. AE1: an extension matrix approximate method for the general covering problem. *International Journal of Computer and Information Sciences*, 14(6):421–437, December 1985. CODEN IJCIAH. ISSN 0091-7036.
- Hooper:1985:BSL**
- [Hoo85] J. W. Hooper. BPL: a set-based language for distributed system prototyping. *International Journal of Computer and Information Sciences*, 14(2):83–105, April 1985. CODEN IJCIAH. ISSN 0091-7036.
- Hooper:1982:SS**
- [HR82] J. W. Hooper and K. D. Reilly. Simulation strategies. *International Journal of Computer and Information Sciences*, 11(2):101–122, April 1982. CODEN IJCIAH. ISSN 0091-7036.
- Hooper:1983:GCG**
- [HR83] J. W. Hooper and K. D. Reilly. The GPSS-GASP combined (GGC) system. *International Journal of Computer and Information Sciences*, 12(2):111–136, April 1983. CODEN IJCIAH. ISSN 0091-7036.
- Hunter:1978:MPP**
- [HS78] D. W. Hunter and G. S. Shedler. Multivariate point process mod-
- els for response times in multi-programmed systems. *International Journal of Computer and Information Sciences*, 7(2):193–217, June 1978. CODEN IJCIAH. ISSN 0091-7036.
- Hurson:1985:CSM**
- [HS85] A. R. Hurson and B. Shirazi. A class of systolic multiplier units for VLSI technology. *International Journal of Computer and Information Sciences*, 14(5):261–275, October 1985. CODEN IJCIAH. ISSN 0091-7036.
- Huang:1981:NTW**
- [HT81] C. H. Huang and F. J. Taylor. A new technique for WFTA input/output reordering. *International Journal of Computer and Information Sciences*, 10(1):27–37, February 1981. CODEN IJCIAH. ISSN 0091-7036.
- Huang:1985:MEH**
- [Hua85] S.-H. S. Huang. Multidimensional extendible hashing for partial-match queries. *International Journal of Computer and Information Sciences*, 14(2):73–82, April 1985. CODEN IJCIAH. ISSN 0091-7036.
- Hughes:1972:DUA**
- [Hug72] C. E. Hughes. Degrees of unsolvability associated with Markov algorithms. *International Journal of Computer and Information Sciences*, 1(4):355–365, December 1972. CODEN IJCIAH. ISSN 0091-7036.

- Hunter:1972:DRC**
- [Hun72] L. W. Hunter. A data representation code for text processing systems. *International Journal of Computer and Information Sciences*, 1(1):29–42, March 1972. CODEN IJCIAH. ISSN 0091-7036.
- Hurson:1984:VDP**
- [Hur84] A. R. Hurson. A VLSI design for the parallel finite state automaton and its performance evaluation as a hardware scanner. *International Journal of Computer and Information Sciences*, 13(6):491–508, December 1984. CODEN IJCIAH. ISSN 0091-7036.
- Hwang:1975:SSC**
- [Hwa75] K. Hwang. Some structural complexities of time-varying sequential machines. *International Journal of Computer and Information Sciences*, 4(3):237–245, September 1975. CODEN IJCIAH. ISSN 0091-7036.
- Inselberg:1972:TLS**
- [IA72] A. D. Inselberg and E. B. Altman. 2-SLIDS: a two-stage linked storage structure with link-dependent data capabilities. *International Journal of Computer and Information Sciences*, 1(2):115–133, June 1972. CODEN IJCIAH. ISSN 0091-7036.
- Ishida:1985:ASD**
- [IAT85a] Y. Ishida, N. Adachi, and H. Tokumaru. An analysis of self-diagnosis model by conditional fault set. *International Journal of Computer and Information Sciences*, 14(5):243–259, 1985.
- Ishida:1985:ASM**
- [IAT85b] Y. Ishida, N. Adachi, and H. Tokumaru. An analysis of self-diagnosis model by conditional fault set. *International Journal of Computer and Information Sciences*, 14(5):243–259, October 1985. CODEN IJCIAH. ISSN 0091-7036.
- Ibaraki:1976:TCS**
- [Iba76] T. Ibaraki. Theoretical comparisons of search strategies in branch-and-bound algorithms. *International Journal of Computer and Information Sciences*, 5(4):315–344, December 1976. CODEN IJCIAH. ISSN 0091-7036.
- Ibaraki:1978:DSB**
- [Iba78] Toshihide Ibaraki. Depth- m search in branch-and-bound algorithms. *International Journal of Computer and Information Sciences*, 7(4):315–343, December 1978. CODEN IJCIAH. ISSN 0091-7036.
- Ignizio:1974:HAS**
- [IH74] J. P. Ignizio and R. M. Harnett. Heuristically aided set-covering algorithms. *International Journal of Computer and Information Sciences*, 3(1):59–70, March 1974. CODEN IJCIAH. ISSN 0091-7036.

- Ibaraki:1972:IEP**
- [ILBM72] T. Ibaraki, T. K. Liu, C. R. Baugh, and S. Muroga. An implicit enumeration program for zero-one integer programming. *International Journal of Computer and Information Sciences*, 1(1):75–92, March 1972. CODEN IJCIAH. ISSN 0091-7036.
- Iscovici:1977:FAM**
- [Isc77] S. Iscovici. Field analysis: a mathematical method of analysis for information handling processes. *International Journal of Computer and Information Sciences*, 6(2):165–178, June 1977. CODEN IJCIAH. ISSN 0091-7036.
- Ivakhnenko:1973:PCS**
- [Iva73] A. G. Ivakhnenko. Problems of complex system modeling and applied mathematical statistics. *International Journal of Computer and Information Sciences*, 2(1):49–60, March 1973. CODEN IJCIAH. ISSN 0091-7036.
- Ivakhnenko:1979:DMO**
- [Iva79] A. G. Ivakhnenko. Development of models of optimal complexity using self-organization theory. *International Journal of Computer and Information Sciences*, 8(2):111–127, April 1979. CODEN IJCIAH. ISSN 0091-7036.
- Jain:1973:EWF**
- [Jai73] V. K. Jain. ECG waveform feature extraction and its application to automated prognosis. *International Journal of Computer and Information Sciences*, 2(3):231–247, September 1973. CODEN IJCIAH. ISSN 0091-7036.
- Jappinen:1981:SFR**
- [Jap81] H. Jappinen. Sense-controlled flexible robot behavior. *International Journal of Computer and Information Sciences*, 10(2):105–125, April 1981. CODEN IJCIAH. ISSN 0091-7036.
- H:1981:CPL**
- [JMW81a] H. Jürgensen, D. E. Matthews, and D. Wood. Cut point languages of Markov DTOL systems. *International Journal of Computer and Information Sciences*, 10(5):331–340, 1981.
- Jurgensen:1981:CPL**
- [JMW81b] H. Jürgensen, D. E. Matthews, and D. Wood. Cut point languages of Markov DTOL systems. *International Journal of Computer and Information Sciences*, 10(5):331–340, October 1981. CODEN IJCIAH. ISSN 0091-7036.
- Jajodia:1983:EDW**
- [JNS83a] S. Jajodia, P. A. Ng, and F. N. Springsteel. Entity-relationship diagrams which are in BCNF. *International Journal of Computer and Information Sciences*, 12(4):269–283, August 1983. CODEN IJCIAH. ISSN 0091-7036.
- Jajodia:1983:ERD**
- [JNS83b] Sushil Jajodia, Peter A. Ng, and Frederick N. Springsteel. Entity-relationship diagrams which are

- in BCNF. *International Journal of Computer and Information Sciences*, 12(4):269–283, 1983.
- Johnston:1976:CGB**
- [Joh76] H. C. Johnston. Cliques of a graph-variations on the Bron-Kerbosch algorithm. *International Journal of Computer and Information Sciences*, 5(3):209–238, September 1976. CODEN IJCIAH. ISSN 0091-7036.
- Jordan:1977:NLU**
- [Jor77] S. R. Jordan. A natural language understander based on a freely associated learned memory net. *International Journal of Computer and Information Sciences*, 6(1):9–25, March 1977. CODEN IJCIAH. ISSN 0091-7036.
- H:1985:SMC**
- [JS85a] H. Jürgensen and A. Salomaa. Syntactic monoids in the construction of systolic tree automata. *International Journal of Computer and Information Sciences*, 14(1):35–49, 1985.
- Jurgensen:1985:SMC**
- [JS85b] H. Jürgensen and A. Salomaa. Syntactic monoids in the construction of systolic tree automata. *International Journal of Computer and Information Sciences*, 14(1):35–49, February 1985. CODEN IJCIAH. ISSN 0091-7036.
- H:1983:LWS**
- [JT83a] H. Jürgensen and G. Thierrin. On ω -languages whose syntactic monoid is trivial. *International Journal of Computer and Information Sciences*, 12(5):359–365, 1983.
- Jurgensen:1983:OWS**
- [JT83b] H. Jürgensen and G. Thierrin. On omega-languages whose syntactic monoid is trivial. *International Journal of Computer and Information Sciences*, 12(5):359–365, October 1983. CODEN IJCIAH. ISSN 0091-7036.
- Kai:1977:SED**
- [Kai77] Hwang Kai. On syntactic edge detection in noisy pictures. *International Journal of Computer and Information Sciences*, 6(1):27–40, March 1977. CODEN IJCIAH. ISSN 0091-7036.
- Kak:1983:EMP**
- [Kak83] Subhash C. Kak. Exponentiation modulo a polynomial for data security. *International Journal of Computer and Information Sciences*, 12(5):337–346, October 1983. CODEN IJCIAH. ISSN 0091-7036.
- Kak:1984:MPK**
- [Kak84] S. C. Kak. On the method of puzzles for key distribution. *International Journal of Computer and Information Sciences*, 13(2):103–109, April 1984. CODEN IJCIAH. ISSN 0091-7036.
- Kameda:1975:AAW**
- [Kam75] H. Kameda. The analysis of an adaptive workload balancing strategy in computing system resources management. *International Journal of Computer and*

- Information Sciences*, 4(4):295–306, December 1975. CODEN IJ-CIAH. ISSN 0091-7036.
- Kandel:1974:AFL**
- [Kan74] A. Kandel. Application of fuzzy logic to the detection of static hazards in combinational switching systems. *International Journal of Computer and Information Sciences*, 3(2):129–139, June 1974. CODEN IJCIAH. ISSN 0091-7036.
- Katzan:1972:AAR**
- [Kat72] H. Katzan, Jr. An APL approach to the representation and manipulation of data structures. *International Journal of Computer and Information Sciences*, 1(2):93–113, June 1972. CODEN IJ-CIAH. ISSN 0091-7036.
- Koh:1979:FMS**
- [KC79] Hikyoo Koh and Henry Y. H. Chuang. Finding a minimal set of base paths of a program. *International Journal of Computer and Information Sciences*, 8(6):473–488, December 1979. CODEN IJCIAH. ISSN 0091-7036.
- Kou:1984:CT**
- [KH84] Wei Dong Kou and Zheng Hu. CH transform. *International Journal of Computer and Information Sciences*, 13(4):291–307, August 1984. CODEN IJCIAH. ISSN 0091-7036.
- Kobayashi:1981:EQB**
- [Kob81] I. Kobayashi. Evaluation of queries based on the extended relational calculi. *International Journal of Computer and Information Sciences*, 10(2):63–103, April 1981. CODEN IJCIAH. ISSN 0091-7036.
- Koch:1977:ISD**
- [Koc77] H. S. Koch. Information system design for real-time multiprocessor systems. *International Journal of Computer and Information Sciences*, 6(3):193–209, September 1977. CODEN IJCIAH. ISSN 0091-7036.
- Kodratoff:1979:CFS**
- [Kod79] Yves Kodratoff. A class of functions synthesized from a finite number of examples and a LISP program scheme. *International Journal of Computer and Information Sciences*, 8(6):489–521, December 1979. CODEN IJ-CIAH. ISSN 0091-7036.
- Kostovetsky:1983:TST**
- [Kos83] A. Kostovetsky. Time separation technique for large databases. *International Journal of Computer and Information Sciences*, 12(3):193–209, June 1983. CODEN IJ-CIAH. ISSN 0091-7036.
- Kostovetsky:1984:FDT**
- [Kos84] A. Kostovetsky. Frequency decomposition technique for large archivable databases. *International Journal of Computer and Information Sciences*, 13(4):237–249, August 1984. CODEN IJ-CIAH. ISSN 0091-7036.
- Landskov:1984:MCE**
- [Lan84] D. Landskov. Microcode compaction; extending the boundaries. *International Journal of Computer and Information Sciences*, 13(4):237–249, August 1984. CODEN IJ-CIAH. ISSN 0091-7036.

- Computer and Information Sciences*, 13(1):1–21, February 1984. CODEN IJCIAH. ISSN 0091-7036.
- Lassez:1976:CCS**
- [Las76] J.-L. Lassez. Circular codes and synchronization. *International Journal of Computer and Information Sciences*, 5(2):201–208, June 1976. CODEN IJCIAH. ISSN 0091-7036.
- Lee:1982:EAF**
- [Lee82] Edward T. Lee. An efficient algorithm for finding Kleene closure of regular expression matrices. *International Journal of Computer and Information Sciences*, 11(6):409–415, December 1982. CODEN IJCIAH. ISSN 0091-7036.
- Lee:1983:FCH**
- [Lee83a] D. T. Lee. On finding the convex hull of a simple polygon. *International Journal of Computer and Information Sciences*, 12(2):87–98, April 1983. CODEN IJCIAH. ISSN 0091-7036.
- Lee:1983:SSA**
- [Lee83b] Tony T. Lee. A state space approach to the finite automata. *International Journal of Computer and Information Sciences*, 12(5):317–335, October 1983. CODEN IJCIAH. ISSN 0091-7036.
- Lee:1984:OTM**
- [Lee84] D. T. Lee. An optimal time and minimal space algorithm for rectangle intersection problems. *International Journal of Computer and Information Sciences*, 13(1):23–32, February 1984. CODEN IJCIAH. ISSN 0091-7036.
- Leipala:1981:DOI**
- T. Leipala. On the design of one-level indexed sequential files. *International Journal of Computer and Information Sciences*, 10(3):177–186, June 1981. CODEN IJCIAH. ISSN 0091-7036.
- Lewis:1981:STM**
- F. D. Lewis. Stateless Turing machines and fixed points. *International Journal of Computer and Information Sciences*, 10(3):215–218, June 1981. CODEN IJCIAH. ISSN 0091-7036.
- Lin:1982:CPT**
- Wei Chung Lin and King Sun Fu. Conversion and parsing of tree transducers for syntactic pattern analysis. *International Journal of Computer and Information Sciences*, 11(6):417–458, December 1982. CODEN IJCIAH. ISSN 0091-7036.
- Lu:1984:ICF**
- H. R. Lu and K. S. Fu. Inferability of context-free programmed grammars. *International Journal of Computer and Information Sciences*, 13(1):33–58, 1984.
- Lu:1984:ICP**
- H. R. Lu and K. S. Fu. Inferability of context-free programmed grammars. *International Journal of Computer and Information Sciences*, 13(1):33–58, February 1984.

1984. CODEN IJCIAH. ISSN 0091-7036.
- Lindstrom:1974:ALS**
- [Lin74] G. Lindstrom. Algorithms for list structure condensation. *International Journal of Computer and Information Sciences*, 3(3):197–216, September 1974. CODEN IJCIAH. ISSN 0091-7036.
- Lipovski:1972:DSC**
- [Lip72] G. J. Lipovski. Data structures in content-addressed cellular memories. *International Journal of Computer and Information Sciences*, 1(4):329–353, December 1972. CODEN IJCIAH. ISSN 0091-7036.
- Lai:1974:RCT**
- [LMN74] Hung Chi Lai, S. Muroga, and T. Nakagawa. Redundancy check technique for designing optimal networks by branch-and-bound method. *International Journal of Computer and Information Sciences*, 3(3):251–271, September 1974. CODEN IJCIAH. ISSN 0091-7036.
- Lemme:1980:AQA**
- [LR80] J. M. Lemme and J. R. Rice. Adaptive quadrature algorithms for the ILLIAC IV. *International Journal of Computer and Information Sciences*, 9(1):63–72, February 1980. CODEN IJCIAH. ISSN 0091-7036.
- Lee:1980:TAC**
- [LS80] D. T. Lee and B. J. Schachter. Two algorithms for constructing a Delaunay triangulation. *International Journal of Computer and Information Sciences*, 9(3):219–242, June 1980. CODEN IJCIAH. ISSN 0091-7036.
- Maekawa:1976:DPB**
- [Mae76] M. Maekawa. Detection of parallelism between statements by decomposing into separate sequential processes. *International Journal of Computer and Information Sciences*, 5(3):239–255, September 1976. CODEN IJCIAH. ISSN 0091-7036.
- Maekawa:1980:CPC**
- [Mae80] M. Maekawa. A classification of process coordination schemes in descriptive power. *International Journal of Computer and Information Sciences*, 9(5):383–406, October 1980. CODEN IJCIAH. ISSN 0091-7036.
- Mago:1979:NMEA**
- [Mag79a] G. A. Mago. A network of microprocessors to execute reduction languages. I. *International Journal of Computer and Information Sciences*, 8(5):349–385, October 1979. CODEN IJCIAH. ISSN 0091-7036.
- Mago:1979:NMEb**
- [Mag79b] G. A. Mago. A network of microprocessors to execute reduction languages. II. *International Journal of Computer and Information Sciences*, 8(6):435–471, December 1979. CODEN IJCIAH. ISSN 0091-7036.

- A:1979:NME**
- [Mag79c] Gyula A. Magó. A network of microprocessors to execute reduction languages. I. *International Journal of Computer and Information Sciences*, 8(5):349–385, 1979.
- Maruyama:1972:PDI**
- [Mar72] K. Maruyama. A procedure to determine intersections between polyhedral objects. *International Journal of Computer and Information Sciences*, 1(3):255–266, September 1972. CODEN IJCIAH. ISSN 0091-7036.
- Motzkin:1982:EES**
- [MH82] Dalia Motzkin and Christina L. Hansen. An efficient external sorting with minimal space requirement. *International Journal of Computer and Information Sciences*, 11(6):381–396, December 1982. CODEN IJCIAH. ISSN 0091-7036.
- Minker:1977:NAE**
- [Min77] J. Minker. A note on answer extraction in resolution-based systems. *International Journal of Computer and Information Sciences*, 6(3):179–192, September 1977. CODEN IJCIAH. ISSN 0091-7036.
- Minsky:1978:OSA**
- [Min78] N. Minsky. An operation-control scheme for authorization in computer systems. *International Journal of Computer and Information Sciences*, 7(2):157–191, June 1978. CODEN IJCIAH. ISSN 0091-7036.
- Mishelevich:1972:CSA**
- D. J. Mishelevich. Computer-based semantic analyzers. *International Journal of Computer and Information Sciences*, 1(3):267–286, September 1972. CODEN IJCIAH. ISSN 0091-7036.
- McCormick:1974:TSM**
- B. H. McCormick and S. N. Jayaramamurthy. Time series model for texture synthesis. *International Journal of Computer and Information Sciences*, 3(4):329–343, December 1974. CODEN IJCIAH. ISSN 0091-7036.
- McCormick:1975:DTM**
- B. H. McCormick and S. N. Jayaramamurthy. A decision theory method for the analysis of texture. *International Journal of Computer and Information Sciences*, 4(1):1–38, March 1975. CODEN IJCIAH. ISSN 0091-7036.
- Murty:1981:HCP**
- M. N. Murty and G. Krishna. A hybrid clustering procedure for concentric and chain-like clusters. *International Journal of Computer and Information Sciences*, 10(6):397–412, December 1981. CODEN IJCIAH. ISSN 0091-7036.
- Maibaum:1980:HOD**
- T. S. E. Maibaum and Carlos J. Lucena. Higher order data types.

- International Journal of Computer and Information Sciences*, 9(1):31–53, February 1980. CODEN IJCIAH. ISSN 0091-7036.
- Minker:1974:MIR**
- [MMF74] J. Minker, J. R. McSkimin, and D. H. Fishman. MRPPS — an interactive refutation proof procedure system for question answering. *International Journal of Computer and Information Sciences*, 3(2):105–122, June 1974. CODEN IJCIAH. ISSN 0091-7036.
- Moyne:1975:RCS**
- [Moy75] J. A. Moyne. Relevance of computer science to linguistics and vice versa. *International Journal of Computer and Information Sciences*, 4(3):265–279, September 1975. CODEN IJCIAH. ISSN 0091-7036.
- Moyne:1977:SDB**
- [Moy77] J. A. Moyne. Simple-English for data base communication. *International Journal of Computer and Information Sciences*, 6(4):327–343, December 1977. CODEN IJCIAH. ISSN 0091-7036.
- Moyne:1980:LUP**
- [Moy80] J. A. Moyne. Language use: a performance model. *International Journal of Computer and Information Sciences*, 9(6):459–481, December 1980. CODEN IJCIAH. ISSN 0091-7036.
- Mateescu:1974:IPM**
- [MS74] C. A. Mateescu and I. O. Stănescu. On an information pro-
- cessing model applied to optical illusions and computer simulations. *International Journal of Computer and Information Sciences*, 3(2):153–166, June 1974. CODEN IJCIAH. ISSN 0091-7036.
- Mlodinow:1985:EPM**
- L. D. Mlodinow and I. O. Stănescu. An evolutionary procedure for machine learning. *International Journal of Computer and Information Sciences*, 14(4):201–219, August 1985. CODEN IJCIAH. ISSN 0091-7036.
- Motteler:1985:CMD**
- Howard E. Motteler and Carl H. Smith. A complexity measure for data flow models. *International Journal of Computer and Information Sciences*, 14(2):107–122, April 1985. CODEN IJCIAH. ISSN 0091-7036.
- Maryanski:1979:PSS**
- Fred J. Maryanski and Michael G. Thomason. Properties of stochastic syntax-directed translation schemata. *International Journal of Computer and Information Sciences*, 8(2):89–110, April 1979. CODEN IJCIAH. ISSN 0091-7036.
- Maruyama:1977:GPA**
- K. Maruyama, D. T. Tang, and S. K. Chang. A general packing algorithm for multidimensional resource requirements. *International Journal of Computer and Information Sciences*, 6(2):131–

- 149, June 1977. CODEN IJ-CIAH. ISSN 0091-7036.
- Muzio:1977:POS**
- [Muz77] J. C. Muzio. A prefix operator for a switching algebra. *International Journal of Computer and Information Sciences*, 6(2):151–163, June 1977. CODEN IJ-CIAH. ISSN 0091-7036.
- Minker:1974:RLR**
- [MV74] J. Minker and G. J. VanderBrug. Representations of the language recognition problem for a theorem prover. *International Journal of Computer and Information Sciences*, 3(3):217–250, September 1974. CODEN IJCIAH. ISSN 0091-7036.
- Nau:1983:GGS**
- [Nau83] Dana S. Nau. On game graph structure and its influence on pathology. *International Journal of Computer and Information Sciences*, 12(6):367–383, December 1983. CODEN IJCIAH. ISSN 0091-7036.
- Nishihara:1974:FTQ**
- [NH74] S. Nishihara and H. Hagiwara. A full table quadratic search method eliminating secondary clustering. *International Journal of Computer and Information Sciences*, 3(2):123–128, June 1974. CODEN IJCIAH. ISSN 0091-7036.
- Niemi:1983:FRF**
- [Nie83] Timo Niemi. Formal restructuring functions for hierarchical data bases. *International Journal of Computer and Information Sciences*, 12(6):385–411, December 1983. CODEN IJCIAH. ISSN 0091-7036.
- Niemi:1984:SDR**
- T. Niemi. Specification of data restructuring software based on the attribute method. *International Journal of Computer and Information Sciences*, 13(6):425–460, December 1984. CODEN IJ-CIAH. ISSN 0091-7036.
- Neff:1977:SFS**
- [Neff77] T. P. Neff and A. Kandel. Simplification of fuzzy switching functions. *International Journal of Computer and Information Sciences*, 6(1):55–70, March 1977. CODEN IJCIAH. ISSN 0091-7036.
- Ng:1980:DIS**
- [NT80] Peter A. Ng and Lun Tsai. The design and implementation of a scheme for large ordered indices. *International Journal of Computer and Information Sciences*, 9(5):407–434, October 1980. CODEN IJCIAH. ISSN 0091-7036.
- ORourke:1985:FME**
- [O'R85] Joseph O'Rourke. Finding minimal enclosing boxes. *International Journal of Computer and Information Sciences*, 14(3):183–199, June 1985. CODEN IJ-CIAH. ISSN 0091-7036.
- Orlowska:1982:RTI**
- [Orl82a] E. Orlowska. Representation of temporal information. *International Journal of Computer and Information Sciences*, 12(6):385–411, December 1983. CODEN IJCIAH. ISSN 0091-7036.

- Information Sciences*, 11(6):397–408, December 1982. CODEN IJ-CIAH. ISSN 0091-7036.
- Ewa:1982:RTI**
- [Orl82b] Ewa Orłowska. Representation of temporal information. *International Journal of Computer and Information Sciences*, 11(6):397–408, 1982.
- Orman:1984:FMD**
- [Orm84] L. Orman. Familial model of data. *International Journal of Computer and Information Sciences*, 13(3):149–175, June 1984. CODEN IJCIAH. ISSN 0091-7036.
- Ottmann:1984:BST**
- [ORSW84] Thomas Ottmann, Arnold L. Rosenberg, Hans-Werner Six, and Derick Wood. Binary search trees with binary comparison cost. *International Journal of Computer and Information Sciences*, 13(2):77–101, April 1984. CODEN IJCIAH. ISSN 0091-7036.
- Osteen:1973:CAB**
- [OT73] R. E. Osteen and J. T. Tou. A clique-detection algorithm based on neighborhoods in graphs. *International Journal of Computer and Information Sciences*, 2(4):257–268, December 1973. CODEN IJCIAH. ISSN 0091-7036.
- Ottman:1982:CID**
- [OW82a] Th. Ottman and D. Wood. A comparison of iterative and defined classes of search trees. *International Journal of Computer and Information Sciences*, 11(3):155–178, 1982.
- Ottmann:1982:CID**
- [OW82b] Th. Ottmann and D. Wood. A comparison of iterative and defined classes of search trees. *International Journal of Computer and Information Sciences*, 11(3):155–178, June 1982. CODEN IJCIAH. ISSN 0091-7036.
- Pargas:1984:PSR**
- Roy P. Pargas. Parallel solution of recurrences on a tree machine. *International Journal of Computer and Information Sciences*, 13(4):251–277, August 1984. CODEN IJCIAH. ISSN 0091-7036.
- Pawlak:1982:RS**
- Zdzisław Pawlak. Rough sets. *International Journal of Computer and Information Sciences*, 11(5):341–356, October 1982. CODEN IJCIAH. ISSN 0091-7036.
- Payne:1973:PSL**
- W. H. Payne. Partial sorting: a large vector technique and its application. *International Journal of Computer and Information Sciences*, 2(2):141–156, June 1973. CODEN IJCIAH. ISSN 0091-7036.
- Persoon:1975:SCS**
- E. Persoon and K. S. Fu. Sequential classification of strings generated by SCFG's. *International Journal of Computer and Information Sciences*, 4(3):205–217, September 1975. CODEN IJCIAH. ISSN 0091-7036.

- Parks:1975:SMB**
- [PIB⁺75] P. C. Parks, A. G. Ivakhnenko, L. M. Boichuk, Svetalsky, and B. K. A self-organizing model of the British economy for control with optimal prediction using the balance-of-variables criterion. *International Journal of Computer and Information Sciences*, 4(4):349–379, December 1975. CODEN IJCIAH. ISSN 0091-7036.
- Proskurowski:1979:MDC**
- [Pro79] Andrzej Proskurowski. Minimum dominating cycles in 2-trees. *International Journal of Computer and Information Sciences*, 8(5):405–417, October 1979. CODEN IJCIAH. ISSN 0091-7036.
- Proskurowski:1981:MDC**
- [PS81] Andrzej Proskurowski and Maciej M. Sysło. Minimum dominating cycles in outerplanar graphs. *International Journal of Computer and Information Sciences*, 10(2):127–139, April 1981. CODEN IJCIAH. ISSN 0091-7036.
- Putkonen:1980:OMO**
- [Put80] Anne Putkonen. The order of merging operations for queries in inverted file systems. *International Journal of Computer and Information Sciences*, 9(5):351–369, October 1980. CODEN IJCIAH. ISSN 0091-7036.
- Ras:1982:AAI**
- [Ras82a] Z. W. Ras. An algebraic approach to information retrieval systems. *International Journal of Computer and Information Sciences*, 11(4):275–293, August 1982. CODEN IJCIAH. ISSN 0091-7036.
- W:1982:AAI**
- [Raś82b] Zbigniew W. Raś. An algebraic approach to information retrieval systems. *International Journal of Computer and Information Sciences*, 11(4):275–293, 1982.
- Rose:1973:TDF**
- [RG73] L. L. Rose and M. H. Gotterer. A theory of dynamic file management in a multilevel store. *International Journal of Computer and Information Sciences*, 2(4):249–256, December 1973. CODEN IJCIAH. ISSN 0091-7036.
- Rose:1975:FEA**
- [RG75] L. L. Rose and M. H. Gotterer. File evaluation in auxiliary storage. *International Journal of Computer and Information Sciences*, 4(3):197–204, September 1975. CODEN IJCIAH. ISSN 0091-7036.
- Roussopoulos:1985:SMS**
- [RM85] N. Roussopoulos and L. Mark. Schema manipulation in self-describing and self-documenting data models. *International Journal of Computer and Information Sciences*, 14(1):1–28, February 1985. CODEN IJCIAH. ISSN 0091-7036.
- Rosenberg:1975:SAM**
- [Ros75] A. L. Rosenberg. On storing arbitrarily many extendible arrays of arbitrary dimensions. *International Journal of Computer and*

- Information Sciences*, 4(2):189–196, June 1975. CODEN IJCIAH. ISSN 0091-7036.
- [Roz73] G. Rozenberg. Extension of tabled 0L-systems and languages. *International Journal of Computer and Information Sciences*, 2(4):311–336, December 1973. CODEN IJCIAH. ISSN 0091-7036.
- [RV82] J.-L. Rémy and P. A. S. Veloso. Comparing data type specifications via their normal forms. *International Journal of Computer and Information Sciences*, 11(3):141–153, June 1982. CODEN IJCIAH. ISSN 0091-7036.
- [RW73] J. Rickman and W. E. Walden. Structures for an interactive online thesaurus. *International Journal of Computer and Information Sciences*, 2(2):115–127, June 1973. CODEN IJCIAH. ISSN 0091-7036.
- [Sal78] K. B. Salomon. String and graph grammar characterizations of bounded regular languages. *International Journal of Computer and Information Sciences*, 7(1):1–10, March 1978. CODEN IJCIAH. ISSN 0091-7036.
- [San74] E. S. Santos. One-way acceptors and languages. *International Journal of Computer and*
- Information Sciences*, 3(2):141–151, June 1974. CODEN IJCIAH. ISSN 0091-7036.
- [San84] Nicola Santoro. On the message complexity of distributed problems. *International Journal of Computer and Information Sciences*, 13(3):131–147, June 1984. CODEN IJCIAH. ISSN 0091-7036.
- [Sch79] Arie P. Schinnar. Generalized inverse solutions of multiattribute accounting problems. *International Journal of Computer and Information Sciences*, 8(2):129–139, April 1979. CODEN IJCIAH. ISSN 0091-7036.
- [Sch84] Camilla B. Schwind. Embedding deductive capabilities in relational database systems. *International Journal of Computer and Information Sciences*, 13(5):327–338, October 1984. CODEN IJCIAH. ISSN 0091-7036.
- [SD79] B. V. Sheela and B. V. Dasarathy. OPAL: a new algorithm for optimal partitioning and learning in nonparametric unsupervised environments. *International Journal of Computer and Information Sciences*, 8(3):239–253, June 1979. CODEN IJCIAH. ISSN 0091-7036.
- [SdV77] S. A. Starks, R. J. P. de Figueiredo, and D. L. Van Rooy.

Rozenberg:1973:ETL**Santoro:1984:MCD****Remy:1982:CDT****Schinnar:1979:GIS****Rickman:1973:SIO****Schwind:1984:EDC****Salomon:1978:SGG****Sheela:1979:ONA****Santos:1974:OAL****Starks:1977:AOS**

- An algorithm for optimal single linear feature extraction from several Gaussian pattern classes. *International Journal of Computer and Information Sciences*, 6(1):41–54, March 1977. CODEN IJCIAH. ISSN 0091-7036.
- Simon:1972:APN**
- [SG72] J. C. Simon and G. Guiho. On algorithms preserving neighborhood, to file and retrieve information in a memory. *International Journal of Computer and Information Sciences*, 1(1):3–15, March 1972. CODEN IJCIAH. ISSN 0091-7036.
- Shapiro:1981:NLS**
- [Sha81] Marvin Shapiro. A note on Lee and Schachter’s algorithm for Delaunay triangulation. *International Journal of Computer and Information Sciences*, 10(6):413–418, December 1981. CODEN IJCIAH. ISSN 0091-7036.
- Shedler:1980:RSM**
- [She80] G. S. Shedler. Response-time simulation of multivariate point process models for multiprogrammed jobstreams. *International Journal of Computer and Information Sciences*, 9(2):73–91, April 1980. CODEN IJCIAH. ISSN 0091-7036.
- Shneiderman:1974:MOI**
- [Shn74] B. Shneiderman. A model for optimizing indexed file structures. *International Journal of Computer and Information Sciences*, 3(1):93–103, March 1974. CODEN IJCIAH. ISSN 0091-7036.
- [Shn76] [SJR78]
- Shneiderman:1976:EEP**
- B. Shneiderman. Exploratory experiments in programmer behavior. *International Journal of Computer and Information Sciences*, 5(2):123–143, June 1976. CODEN IJCIAH. ISSN 0091-7036.
- Shrivastava:1975:PSH**
- S. K. Shrivastava. Process synchronization in high-level languages. *International Journal of Computer and Information Sciences*, 4(2):151–169, June 1975. CODEN IJCIAH. ISSN 0091-7036.
- Sarda:1981:CAD**
- N. L. Sarda and J. R. Isaac. Computer aided design of database internal schema. *International Journal of Computer and Information Sciences*, 10(4):219–234, August 1981. CODEN IJCIAH. ISSN 0091-7036.
- Sebesta:1978:PIG**
- Robert W. Sebesta and Neil D. Jones. Parsers for indexed grammars. *International Journal of Computer and Information Sciences*, 7(4):345–359, December 1978. CODEN IJCIAH. ISSN 0091-7036.
- Srivastava:1977:GMQ**
- H. M. Srivastava, H. B. Kekre, and Y. N. Bapat. G/M/1 queue study of buffer behavior in the decoding system of computer communication. *International Journal of Computer and*

- Information Sciences*, 6(4):317–326, December 1977. CODEN IJCAIH. ISSN 0091-7036.
- Skavaril:1976:BIO**
- [SM76] R. V. Skavaril and O. R. Miller. Binary input, output, and manipulation extensions of conversational programming with some biological applications. *International Journal of Computer and Information Sciences*, 5(4):357–373, December 1976. CODEN IJCAIH. ISSN 0091-7036.
- Shneiderman:1979:SSI**
- [SS78] B. Shneiderman and R. Mayer. Syntactic/semantic interactions in programmer behavior: a model and experimental results. *International Journal of Computer and Information Sciences*, 8(3):219–238, June 1979. CODEN IJCAIH. ISSN 0091-7036.
- Spier:1973:MIP**
- [SS83] M. J. Spier. A model implementation for protective domains. *International Journal of Computer and Information Sciences*, 2(3):201–229, September 1973. CODEN IJCAIH. ISSN 0091-7036.
- Spier:1975:PPI**
- [SS84] M. J. Spier. A pragmatic proposal for the improvement of program modularity and reliability. *International Journal of Computer and Information Sciences*, 4(2):133–149, June 1975. CODEN IJCAIH. ISSN 0091-7036.
- Shneiderman:1976:TTE**
- [ST75] B. Shneiderman and S. C. Shapiro. Toward a theory of en-coded data structures and data translation. *International Journal of Computer and Information Sciences*, 5(1):33–43, March 1976. CODEN IJCAIH. ISSN 0091-7036.
- Singh:1978:PAT**
- Shanker Singh and Vijendra Pal Singh. A probabilistic approach for testing large-scale integrated circuits. *International Journal of Computer and Information Sciences*, 7(3):283–294, September 1978. CODEN IJCAIH. ISSN 0091-7036.
- Srimani:1983:SWN**
- P. K. Srimani and B. P. Sinha. A simple way to near minimization of microprogram control memory. *International Journal of Computer and Information Sciences*, 12(1):47–64, February 1983. CODEN IJCAIH. ISSN 0091-7036.
- Srini:1984:MDM**
- V. P. Srini and B. D. Shrivr. A methodology for designing and modeling reconfigurable systems. *International Journal of Computer and Information Sciences*, 13(5):339–394, October 1984. CODEN IJCAIH. ISSN 0091-7036.
- Shyr:1975:LL**
- H. J. Shyr and G. Thierrin. Left-noncounting languages. *International Journal of Computer and Information Sciences*, 4(1):95–102, March 1975. CODEN IJCAIH. ISSN 0091-7036.

- Stallings:1976:ACB**
- [Sta76] W. Stallings. An application of coroutines and backtracking in interactive systems. *International Journal of Computer and Information Sciences*, 5(4):303–313, December 1976. CODEN IJCIAH. ISSN 0091-7036.
- Stark:1984:GPC**
- [Sta84] W. Richard Stark. A glimpse into the paradise of combinatory algebra. *International Journal of Computer and Information Sciences*, 13(3):219–236, June 1984. CODEN IJCIAH. ISSN 0091-7036.
- Stephenson:1980:MCB**
- [Ste80] C. J. Stephenson. A method for constructing binary search trees by making insertions at the root. *International Journal of Computer and Information Sciences*, 9(1):15–29, February 1980. CODEN IJCIAH. ISSN 0091-7036.
- Stonebraker:1974:CPI**
- [Sto74] M. Stonebraker. The choice of partial inversions and combined indices. *International Journal of Computer and Information Sciences*, 3(2):167–188, June 1974. CODEN IJCIAH. ISSN 0091-7036.
- Stoutemyer:1979:CAC**
- [Sto79] D. R. Stoutemyer. Computer algebra for the calculus of variations, the maximum principle and automatic control. *International Journal of Computer and Information Sciences*, 8(5):419–434, October 1979. CODEN IJCIAH. ISSN 0091-7036.
- Subramanian:1985:NRA**
- [Sub85a] K. G. Subramanian. A note on regular-controlled apical-growth filamentous systems. *International Journal of Computer and Information Sciences*, 14(4):235–242, August 1985. CODEN IJCIAH. ISSN 0091-7036.
- Subramanian:1985:NRC**
- [Sub85b] K. G. Subramanian. A note on regular-controlled apical-growth filamentous systems. *International Journal of Computer and Information Sciences*, 14(4):235–242, 1985.
- Tanatsugu:1977:CSD**
- [TA77] K. Tanatsugu and S. Arikawa. On characteristics sets and degrees of finite automata. *International Journal of Computer and Information Sciences*, 6(1):83–93, March 1977. CODEN IJCIAH. ISSN 0091-7036.
- Tanatsugu:1984:GIH**
- [Tan84] Keisuke Tanatsugu. A grammatical inference for harmonic linear languages. *International Journal of Computer and Information Sciences*, 13(5):413–423, October 1984.

1984. CODEN IJCIAH. ISSN 0091-7036.
- Tangwongsan:1979:ALR**
- [TF79] S. Tangwongsan and K. S. Fu. An application of learning to robotic planning. *International Journal of Computer and Information Sciences*, 8(4):303–333, August 1979. CODEN IJCIAH. ISSN 0091-7036.
- Tai:1982:ICC**
- [TF82] J. W. Tai and K. S. Fu. Inference of a class of CFPG by means of semantic rules. *International Journal of Computer and Information Sciences*, 11(1):1–23, February 1982. CODEN IJCIAH. ISSN 0091-7036.
- Tou:1972:ARH**
- [TG72] J. T. Tou and R. C. Gonzalez. Automatic recognition of handwritten characters via feature extraction and multi-level decision. *International Journal of Computer and Information Sciences*, 1(1):43–65, March 1972. CODEN IJCIAH. ISSN 0091-7036.
- Thayse:1979:EPP**
- [Tha79] A. Thayse. Encoding of parallel program schemata by vector addition systems. *International Journal of Computer and Information Sciences*, 8(3):209–218, June 1979. CODEN IJCIAH. ISSN 0091-7036.
- Thomason:1982:SST**
- [Tho82] M. G. Thomason. Syntactic/semantic techniques in pattern recognition: a survey. *International Journal of Computer and Information Sciences*, 11(2):75–100, April 1982. CODEN IJCIAH. ISSN 0091-7036.
- Ting:1977:CHT**
- [Tin77] T. C. Ting. Compacting homogeneous text for minimizing storage space. *International Journal of Computer and Information Sciences*, 6(3):211–221, September 1977. CODEN IJCIAH. ISSN 0091-7036.
- Tseng:1985:PSS**
- [TL85] S. S. Tseng and R. C. T. Lee. A parallel sorting scheme whose basic operation sorts N elements. *International Journal of Computer and Information Sciences*, 14(6):455–467, December 1985. CODEN IJCIAH. ISSN 0091-7036.
- Tou:1979:ZTB**
- [Tou79a] J. T. Tou. Zoom-thresholding technique for boundary determination. *International Journal of Computer and Information Sciences*, 8(1):3–8, February 1979. CODEN IJCIAH. ISSN 0091-7036.
- Tou:1979:DDO**
- [Tou79b] Julius T. Tou. DYNOC—a dynamic optimal cluster-seeking technique. *International Journal of Computer and Information Sciences*, 8(6):541–547, December 1979. CODEN IJCIAH. ISSN 0091-7036.

- | | |
|--|--|
| <p style="text-align: center;">Tou:1980:AUG</p> <p>[Tou80a] J. T. Tou. An approach to understanding geometrical configurations by computer. <i>International Journal of Computer and Information Sciences</i>, 9(1):1–13, February 1980. CODEN IJCIAH. ISSN 0091-7036.</p> <p style="text-align: center;">Tou:1980:KE</p> <p>[Tou80b] J. T. Tou. Knowledge engineering. <i>International Journal of Computer and Information Sciences</i>, 9(4):275–285, August 1980. CODEN IJCIAH. ISSN 0091-7036.</p> <p style="text-align: center;">Toussaint:1983:CLE</p> <p>[Tou83] Godfried T. Toussaint. Computing largest empty circles with location constraints. <i>International Journal of Computer and Information Sciences</i>, 12(5):347–358, October 1983. CODEN IJCIAH. ISSN 0091-7036.</p> <p style="text-align: center;">Toussaint:1984:CCU</p> <p>[Tou84] Godfried T. Toussaint. Complexity, convexity, and unimodality. <i>International Journal of Computer and Information Sciences</i>, 13(3):197–217, June 1984. CODEN IJCIAH. ISSN 0091-7036.</p> <p style="text-align: center;">Tou:1985:KER</p> <p>[Tou85] J. T. Tou. Knowledge engineering revisited. <i>International Journal of Computer and Information Sciences</i>, 14(3):123–134, June 1985. CODEN IJCIAH. ISSN 0091-7036.</p> | <p style="text-align: center;">Townley:1980:PAR</p> <p>[Tow80] Judy A. Townley. A pragmatic approach to resolution-based theorem proving. <i>International Journal of Computer and Information Sciences</i>, 9(2):93–116, April 1980. CODEN IJCIAH. ISSN 0091-7036.</p> <p style="text-align: center;">Thomason:1976:BDT</p> <p>[TP76] M. G. Thomason and E. W. Page. Boolean difference techniques in fault tree analysis. <i>International Journal of Computer and Information Sciences</i>, 5(1):81–88, March 1976. CODEN IJCIAH. ISSN 0091-7036.</p> <p style="text-align: center;">Thesen:1977:PAC</p> <p>[TP77] A. Thesen and T. Pinkerton. Predicting the availability of contiguous memory. <i>International Journal of Computer and Information Sciences</i>, 6(4):279–287, December 1977. CODEN IJCIAH. ISSN 0091-7036.</p> <p style="text-align: center;">Treu:1975:OSD</p> <p>[Tre75] S. Treu. On-line student debate: an experiment in communication using computer networks. <i>International Journal of Computer and Information Sciences</i>, 4(1):39–51, March 1975. CODEN IJCIAH. ISSN 0091-7036.</p> <p style="text-align: center;">Terrenoire:1972:EAI</p> <p>[TS72] M. Terrenoire and M. Simonet. An evaluation of ALGOL 68 for interrogation process algorithms. <i>International Journal of Computer and Information Sciences</i>, 1(1):67–73, March 1972. CODEN IJCIAH. ISSN 0091-7036.</p> |
|--|--|

- | | |
|--|---|
| <div style="border: 1px solid black; padding: 2px; text-align: center;">vanDam:1972:SII</div> <p>[van72] A. van Dam. Some implementation issues relating to data structures for interactive graphics. <i>International Journal of Computer and Information Sciences</i>, 1(4):287–314, December 1972. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Velasco:1974:SSD</div> <p>[VD74] F. R. D. Velasco and C. De-Renna e.Souza. Sequential syntactical decoding. <i>International Journal of Computer and Information Sciences</i>, 3(4):273–287, December 1974. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Veloso:1980:CRP</div> <p>[Vel80] Paulo A. S. Veloso. Characterizations for the regular prefix codes and related families. <i>International Journal of Computer and Information Sciences</i>, 9(5):371–382, October 1980. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Veloso:1982:MSA</div> <p>[Vel82] P. A. S. Veloso. Methodical specification of abstract data types via rewriting systems. <i>International Journal of Computer and Information Sciences</i>, 11(5):295–323, October 1982. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Vere:1979:CRP</div> <p>[Ver79] Steven A. Vere. Composition of relational productions for plans and programs. <i>International Journal of Computer and Information Sciences</i>, 8(2):149–179, April 1979. CODEN IJCIAH. ISSN 0091-7036.</p> | <div style="border: 1px solid black; padding: 2px; text-align: center;">Voukalis:1982:RCO</div> <p>[Vou82] D. C. Voukalis. Remarks concerning the optimization of matrix codes. <i>International Journal of Computer and Information Sciences</i>, 11(4):259–273, August 1982. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Voukalis:1984:FRM</div> <p>[Vou84] D. C. Voukalis. Further remarks for the matrix type-B codes. <i>International Journal of Computer and Information Sciences</i>, 13(4):309–326, August 1984. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Walk:1973:MSP</div> <p>[Wal73] K. Walk. Modeling of storage properties of higher-level languages. <i>International Journal of Computer and Information Sciences</i>, 2(1):1–24, March 1973. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Wang:1975:DRU</div> <p>[Wan75] Y. R. Wang. On data retrieval from unambiguous bit matrices. <i>International Journal of Computer and Information Sciences</i>, 4(2):171–187, June 1975. CODEN IJCIAH. ISSN 0091-7036.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Weyuker:1979:APS</div> <p>[Wey79] Elaine J. Weyuker. The applicability of program schema results to programs. <i>International Journal of Computer and Information Sciences</i>, 8(5):387–403, October 1979. CODEN IJCIAH. ISSN 0091-7036.</p> |
|--|---|

- | | |
|---|---|
| <p>Wile:1972:IBE</p> <p>[WG72] D. S. Wile and C. M. Geschke. An implementation base for efficient data structuring. <i>International Journal of Computer and Information Sciences</i>, 1(3):209–224, September 1972. CODEN IJCIAH. ISSN 0091-7036.</p> <p>White:1976:OSS</p> <p>[Whi76] J. W. White. An off-line simulation system for development of real-time FORTRAN programs. <i>International Journal of Computer and Information Sciences</i>, 5(1):59–79, March 1976. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Wilkes:1972:ATD</p> <p>[Wil72] M. V. Wilkes. Associative tabular data structures. <i>International Journal of Computer and Information Sciences</i>, 1(3):225–233, September 1972. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Wells:1972:UDS</p> <p>[WM72a] M. B. Wells and J. B. Morris. The unified data structure capability in Madcap VI. <i>International Journal of Computer and Information Sciences</i>, 1(3):193–208, September 1972. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Wilkes:1972:ALA</p> <p>[WM72b] M. V. Wilkes and W. D. Manville. The associative language AL-1. <i>International Journal of Computer and Information Sciences</i>, 1(4):315–327, December 1972. CODEN IJCIAH. ISSN 0091-7036.</p> | <p>Wood:1975:NLS</p> <p>[Woo75] D. Wood. A note on Lindenmayer systems, Szilard languages, spectra, and equivalence. <i>International Journal of Computer and Information Sciences</i>, 4(1):53–62, March 1975. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Xu:1982:PSC</p> <p>[XT82] Jian Hua Xu and Julius T. Tou. Predictive searching for chain encoding by computers. <i>International Journal of Computer and Information Sciences</i>, 11(4):213–229, August 1982. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Yager:1981:ARP</p> <p>[Yag81] Ronald R. Yager. Approximate reasoning and possibilistic models in classification. <i>International Journal of Computer and Information Sciences</i>, 10(2):141–175, April 1981. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Yeh:1975:POS</p> <p>[Yeh75] Hsi-Han Yeh. Parameter optimization of stochastic automata operating in random environments. <i>International Journal of Computer and Information Sciences</i>, 4(3):247–263, September 1975. CODEN IJCIAH. ISSN 0091-7036.</p> <p>Yang:1984:AIG</p> <p>[YH84] Chao Chih Yang and Hou Kuan Huang. Algorithms for the inverse and a generalization of the state space approach to finite automata. <i>International Journal of Computer and Information</i></p> |
|---|---|

- Sciences*, 13(1):59–76, February 1984. CODEN IJCIAH. ISSN 0091-7036.
- [YW75b] **Yue:1975:SCC**
P. C. Yue and C. K. Wong. Storage cost considerations in secondary index selection. *International Journal of Computer and Information Sciences*, 4(4):307–327, December 1975. CODEN IJCIAH. ISSN 0091-7036.
- [YM80] **Yang:1980:AFD**
Chao Chih Yang and Charmane P. May. Algorithms for finding directed graph isomorphisms by finite automata. *International Journal of Computer and Information Sciences*, 9(2):117–140, April 1980. CODEN IJCIAH. ISSN 0091-7036.
- [YM84] **Yu:1984:PMN**
Ging-Shung Yu and S. Muroga. Parallel multipliers with NOR gates based on G-minimum adders. *International Journal of Computer and Information Sciences*, 13(2):111–121, April 1984. CODEN IJCIAH. ISSN 0091-7036.
- [YM85] **Young:1985:MCP**
Ming Huei Young and Saburo Muroga. Minimal covering problem and PLA minimization. *International Journal of Computer and Information Sciences*, 14(6):337–364, December 1985. CODEN IJCIAH. ISSN 0091-7036.
- [YW75a] **Yue:1975:NHA**
P. C. Yue and C. K. Wong. Near-optimal heuristics for an assignment problem in mass storage. *International Journal of Computer and Information Sciences*, 4(4):281–294, December 1975. CODEN IJCIAH. ISSN 0091-7036.
- [Zak81] **Zaki:1981:MBM**
M. Zaki. Magnetic bubble memory structures for relational database management systems. *International Journal of Computer and Information Sciences*, 10(5):341–358, October 1981. CODEN IJCIAH. ISSN 0091-7036.
- [Zak83] **Zaki:1983:CST**
A. S. Zaki. A comparative study of 2-3 trees and AVL trees. *International Journal of Computer and Information Sciences*, 12(1):13–33, February 1983. CODEN IJCIAH. ISSN 0091-7036.
- [Zal73] **Zalcstein:1973:SLS**
Y. Zalcstein. On the semigroups of linear sequential machines. *International Journal of Computer and Information Sciences*, 2(1):25–28, March 1973. CODEN IJCIAH. ISSN 0091-7036.
- [ZB81] **Zaki:1981:QCH**
A. S. Zaki and J. L. Baer. Query costs in HB(1) trees versus 2-3 trees. *International Journal of Computer and Information Sciences*, 10(6):383–395, December 1981. CODEN IJCIAH. ISSN 0091-7036.