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Title word cross-reference

2\textsuperscript{n} [AC83]. 8 [Wic82]. \(\chi^2\) [LCJ86]. \(F\) [LCJ86]. \(k\) [FT83]. \(M/M/s\) [Cla81]. \(O(1)\) [Bro88]. \(O(n)\) [Dei80]. \(P^2\) [JC85]. \(t\) [Hil70a, Hil70b, Hil81a, Hil81b, LCJ86, eL79].

-\texttt{Bit} [Wic82]. -\texttt{Distribution} [Hil70a, Hil81a, eL79, FT83].
-\texttt{Multiprogramming} [Dij83b, Dij68].
-\texttt{Quantiles} [Hil70b, Hil81b].

1 [Jal84, Pet83]. 16 [GS87b]. 1980 [Eck80]. 1980\textsuperscript{s} [WAB\textsuperscript{+}88]. 1981 [BBB\textsuperscript{+}81]. 1984 [Bro84a, CCZD84, Cla84, Knu84a, NB84, Neu84]. 1986 [Fre87a]. 1990\textsuperscript{s} [SW89].

21\textsuperscript{st} [Scu89]. 246 [Boo64]. 25\textsuperscript{th} [SR85]. 29 [RHC87]. 299 [HP67].

30 [Ell60]. 32 [GS87b]. 334 [Bel68]. 360 [SG84b]. 370 [SG84b]. 395 [Hil70a]. 396 [Hil70b].

408 [McN71].

60 [Iro61, Iro83].

'78 [RS80].

80\textsuperscript{a} [Dei80]. 80\textsuperscript{s} [NCD82]. '87 [van88]. 87\textsuperscript{e} [RHC87].

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Acceleration [TT82].

Acceptability [Ore81].

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Accreditation [MD84, BM87, BM87].

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Object-Oriented [Bai89a, BPR88, JK87].

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Systems [Ala84, BBK82, Bla84b, CMN80, Com80, Dav84a, DS83, FP88, Fed81, Fin84, Gal88, Gom84, Han83, HT85, Hil88, Hou84, INW83, Kea82, Kee81, KKD84, KS84, KSS5, KI84, KC73, Lam89, LWSS80, LLTvdL82, MK85, MC83, Nun81, NCD82, Oli83, Pec83b, PL80, Rob81, San85, She87, Sto88b, VD83, Wei84, WK88, Ahi87, BOBS89, BMS86, Bot86, CM87, CN82, Cha85, CRD87, CKI88, Dav86, Fri85, GP86, Gom86, Hal88, HR85b, HK89, IHS86, Kle85, KC83, Lau66, MGT+87, NS87a, NS87b, NBL+88, Par85, RRHD88, Sal86, Sha88, SK87, WK89, YHW+89, Dav84b, Gin83]. Systolic [SCL87].
T1000 [Pre89b]. table [AD88, Sar88].
table-free [AD88]. Tables [Lar88, Lew82, Mae80, NY85, SC80, Sri83, MP85, Smi85]. Tablet [MOR+88]. Taking [Van87], tale [Fre87d]. Talking [WAC84], tallying [Sal88]. Tarjan [RHC87, Fre87a]. Task [MD84, KSW85]. Tasks [Man81]. Taulbee [Gri86, Gri87, GM88, GM89]. Tax [DSB84]. taxonomy [CK89, Mer85]. tea [GS87b]. tea-leaf [GS87b]. teach [PTN88]. teacher [Tur85]. Teachers [RME84, PTN88]. Teaching [Dij89b, Sle86, Den89, Gilb89, Wel82]. Team [Man81]. Teching [Gei84]. Technical [Ano86a, Ano86b, Ano86c, Ano86d, Ano86e, Ano86f, BL80, Cici80b, Den80, JOS80, Ken80, Lam81, MK80]. Technique [Bec82, Dod82, Par83b, Wat82, ZT89, AD82, DZ89, NMF87, Par72]. Techniques [Ben84a, Ben84d, Dav88, Mor88, Mor83b, Pec82, Pec83a, Sch83b, Sil83, Bot86, Gil87, Gui85, JM89, YBC88, technological [BG86], Technologies [SW89, Fre88d]. Technology [Dix89, Rip89, Tur84, Cla88, Fre88a, Web88]. Temporal [Ali83, TKM*89]. Term [Sm81]. terminal [GL84, Mor83a]. Terms [LG83]. Test [Har71, GBL+87, Tez87, Wey88]. Testimony [DPNV84]. Testing [Cha82, GH88, Gla80, Hou80, SC80, Wat82, Ham88, Man85, MB89b]. Tests [OB88, SD86]. Text [Ben83, BM85c, Fra80, LGH83, RM83, SB88, Sam82, SK86, Thi89, CRD87, Gut85, Leb88, PZ84, Ram89, Sal86, TT82]. Text-Editing [LG83], text-retrieval [Sal86]. Thanks [Ben85f]. their [GT83]. Theorems [Har80]. Theoretical [GB88, Lau84, PRT84, Wol84a, Lau85b, PRT85]. Theory [BDDG84, Ken83, Tuc84, Val84, AhI87, GG85b, Hua82]. think [GL85, MDV86]. thinning [GH89a, GH89b, Hal89b, Hal89a, LW86, ZS84, HSCP87, Kwo88]. Third [Gin83]. Thought [Ive80]. Thoughts [Fre89a]. thousands [Lit84]. Threat [Sha84]. Three [Bro84a, Gin83, LS82a]. TID [S186]. Time [AA80, BL83, Bec82, Bia89, CMN80, CF83, Dwy81a, FP88, Fre87c, Gl87a, Gon84, Ing81, LH83, LLTvdL82, OO80, PS83, RT74, RT83, Sag85, CDV+86, Cou85, Gom86, Guy88, KK88, Nan81, NS87a, NS87b, NI83, Obs83, San89a, SW86b, VVG85, YSB+89]. Time-Sharing [Fre87c, LLTvdL82, RT74, RT83]. Timestamps [DS81a]. timing [Gut88]. Today [MBD+85]. together [Fre86a]. Too [Wic84]. Tool [Ive80, TVSK83, Ahi87, MB89a, SK88, Wel82]. Tools [CH88, MJ89, FH89, HR85a, RKM88, VW86]. Toshiba [Fre89b]. Tracing [Hec88]. track [Ste89a]. tracker [Fre87d]. Trade [Ben85g, Lee81]. Trademarks [LY89]. Tradeoffs [AA80]. Trail [KvE84]. Training [CC84], transaction [Cha85]. Transactions [LS82b, VJW87]. Transfer [AA80, Zak83]. Transform [Sam83]. Transient [Kel85]. Translation [SB60, SB83, SI86, Tuc84, DZ89]. Transparencies [Ben83]. Transporting [JH83]. traveling [Lit84]. Tree [CI84, SW86b, Sus63, Sus83, Ger88, LL83, PC89]. Trees [Bal81, Epp83, Gon83, Gup84, Jon88, Lee80, LP80, Sam80b, ST86, DF84]. Trends [CS80a, GMR86, Ste82]. Tribute [Aue80]. Tricks [Ben85g]. Triform [Cro81]. Trip [Bel83a, Sha83]. Trust [Tho84, Weh09]. Trusting [Tho84, Whe09]. truth [Fil88]. Tuning [Ben84e]. Turing [Fre87a, Pei88, Coc88, HC88]. Turnover [Bar83]. Tutorial [Bel83c]. tutoring [AS86]. TWA [GS84a]. tweezers [RE89]. Two [GMR86, GH89a, GH89b, MD82, Pec83b, Shn82a, ZT89, BHP81, Fre86d, Sam80b]. Two-Dimensional [ZT89, Sam80b]. two-list [BHP81]. Two-Sub-Iteration [GH89a]. Two-Subiteration [GH89b]. Type [KV83]. Types [BG84, BG87]. Typesetting [BK86b]. Typewriter
Typing [Pet86].


Undebuggability [Che88b]. Undergraduate [NCD82]. Understanding [DDM86]. undelected [Pet86]. Uniformly [Ros81]. Unifying [Vui80]. Unionization [Ste82]. Units [EDF84, EDF87]. Universities [Dal84]. University [KV83, OO80]. University-Type [KV83]. UNIX [FH89, JH83, JAV86, Jon84, NB84, RT74, RT83, RW87, WAC84, WK80]. UNIX-Like [Jon84]. Unmathematical [RS80]. Unsafe [Hin84]. Untraceable [Cha81]. Update [Dwy81a, HS87, Lev82, ST85, Ste84]. Updates [Ben84k]. Updating [Hin84, Ing81]. Usability [Dem81, Goo87, GL85]. usable [YHW+89]. usage [BOI86, CK86, FM86, FMB88, FB89]. Use [And84, Cla81, SGJ+83, Sus63, Sus83, Wei82a, Fin85, IHS86, Leb88]. used [DZ89]. User [BB81, CMN80, CC84, CK89, DW83, DC83, Dwy81b, Eis83, FR84, Has84, HTS1, IOB83, KK88, MB81, Moz82, RW85, RF83, BOI86, Bas85, DLS83, GWWJ84, Gru89, HMM88, KS89, RH88, RKM88, Sam89a, SK88, TWBK89]. user-derived [GWWJ84]. User-Friendly [Dwy81b, Eis83]. User-Led [FR84]. User-oriented [RW85]. users [CK89, MBA87, RR86]. Using [Boo81, Dod82, FH89, Jac83, KD80, Lee80, LL87a, Man88, Pec82, PBC80, RS89, TDP89, Wei82, BPR88, HH87, MP85, NI83, Rey87, ST86]. Utility [Thi89].


vocabulary [FLG87]. Volume [Ano80c, Fre89e, LR82b, LR82a, UH89]. vote [Sal88]. vote-tallying [Sal88]. vs [Hof80, Jal84].

W [McC80, MK80]. Wall [Kun88, RS89]. Walsh [Tez87]. Walsh-spectral [Tez87]. WAM [ACHS88]. war [BW89, Bor87].

REFERENCES

[Bai89b]. Workshop [ASZ84, NHSS87].
Workspace [Lee80]. workstation [HP86].
World [Gla80, McC82, Ano84b, AJ88].
worlds [Fil88]. Worm
[Ano89, SH82, Spa89, EGH+89, RE89].
Writing [Ben83d, HH88]. Wyk [Den87a].

X [Gou82]. XCON [BOBS89].
xerographics [SJM+87]. XI [Wei83a]. XII
[WC84]. XIII [Gup84]. XIV [DLA85]. XIX
[Bic89]. XV [SB86]. XVI [Lan86]. XVII
[Wei87b]. XVIII [Mun88].

year [BM87, MOR+88]. Years
[Fec87, Alt87, Coc87, Kow88, Rev87, Wei87a].

Z [Er85, Mis75]. Zadeh [Ano84b].

References


[Abraham:1984:EI]

[Abrahams:1986:PLa]

[Abrahams:1986:PLb]

[Abrahams:1986:PLc]

[Abrahams:1988:SDI]
Abrahamson:1989:ADS


Asai:1983:SOM


Archer:1988:CEM


Appleby:1988:GCP


Ahrens:1982:GGV


Ahrens:1988:ETF


Abelson:1989:ISC

REFERENCES


REFERENCES

Ahituv:1987:PED


Alt:1987:FYA


Akscyn:1988:KDH


Andrews:1981:PPP


Anderson:1984:CUF


Anonymous:1980:ISA


Anonymous:1980:CLC


Anonymous:1980:ICA


Anonymous:1984:CGC

Anonymous. Computer graphics comes of age, an interview with
REFERENCES


Anonymous:1984:CIR


Anonymous:1986:TCa


Anonymous:1986:TCb


Anonymous:1986:TCc


Anonymous:1986:TCd


Anonymous:1986:TCe


Anonymous:1986:TCf


Anonymous:1989:WS


Attewell:1984:CO


Arnett:1984:CA

REFERENCES

ISSN 0001-0782 (print), 1557-7317 (electronic).

**Arnett:1985:CA**


**Anderson:1986:ATI**


**Aguero:1987:PDA**


**Asai:1980:ONI**


**Ash:1981:MPP**


**Ashenhurst:1984:CIL**


**Ashenhurst:1986:AFa**


**Ashenhurst:1986:AFb**


**Ashenhurst:1986:AFc**

REFERENCES

0782 (print), 1557-7317 (electronic).

Ashenhurst:1986:AFd

Ashenhurst:1986:AFe

Ashenhurst:1986:AFF

Ashenhurst:1986:AFg

Ashenhurst:1986:AFh

Ashenhurst:1989:AF

Atkinson:1986:MMH
Arnold:1984:SMW

Auerbach:1980:TJW

Aggarwal:1988:IOC

Ballard:1981:STH

Bailin:1989:OOR

Bailyn:1989:TPW

Bard:1980:MSD

Bartol:1983:TAD
Kathryn M. Bartol. Turnover among DP personnel: a causal
<table>
<thead>
<tr>
<th>Reference</th>
<th>Citation</th>
</tr>
</thead>
</table>
REFERENCES


Briggs:1981:PCB


Benbasat:1984:CSH


Benbasat:1981:ESH


Benbasat:1986:EPI


Beck:1982:DSA


Becker:1987:AWP


Bell:1968:NRD


Bell:1970:QQM

REFERENCES


REFERENCES

Bentley:1983:PPW


Bentley:1984:PPAa


Bentley:1984:PPAb


Bentley:1984:PPL


Bentley:1984:PPAc


Bentley:1984:PPC


Bentley:1984:PPG


Bentley:1984:PPH


Bentley:1984:PPP


Bentley:1984:PPS

REFERENCES

Bentley:1984:PPB


Bentley:1984:PPU


Bentley:1985:PPSa


Bentley:1985:PPB


Bentley:1985:PPC


Bentley:1985:PPSb


Bentley:1985:PPTb


Bentley:1985:PPTa


Bentley:1986:PPE

REFERENCES

Ben:1986:PPB

Ben:1986:PPC

Ben:1986:PPD

Ben:1986:PPLc

Ben:1987:PPP

Ber:1986

Ber:1987
REFERENCES


REFERENCES


REFERENCES

acm.org/pubs/toc/Abstracts/0001-0782/63339.html.


Bates:1980:TCS

Barber:1983:SRT

Banville:1989:CFM

Blair:1984:DDD

Blanning:1984:CMI

Blank:1989:FRT

Birrell:1982:GED

Balkovich:1985:CHE

Bayman:1983:DBP
[BM83] Piraye Bayman and Richard E. Mayer. A diagnosis of begin-

**Bentley:1984:AAS**


**Bentley:1985:AAS**


**Berry:1985:SAC**


**Blair:1985:ERE**


**Butcher:1985:PPI**


**Booth:1987:CSP**


**Bobrow:1986:ESP**

REFERENCES


Baroudi:1986:ESI


Baroudi:1986:ESI


Boothroyd:1964:G


Boothroyd:1964:G

[Boz84] K. S. Booth. Authentication of signatures using public key en-


Boothroyd:1964:G


Bork:1986:V


Bozeman:1984:SLB
Basili:1984:SEC


Blaha:1988:RDD


Brelaz:1979:NMC


Brown:1982:CQF

R. Brown. Calendar queues: a fast $O(1)$ priority queue im-

Brooks:1980:SPB


Brown:1983:EMN


Brown:1984:LTI


Brownrigg:1984:WMF


Brown:1988:CQF

R. Brown. Calendar queues: a fast $O(1)$ priority queue im-


Carroll:1988:LDS


Carroll:1984:TWU


Chamberlin:1981:HES


Carlow:1984:ASS


Cadwallader-Cohen:1984:CIA

J. B. Cadwallader-Cohen, W. W. Zysic, and R. B. Donnelly. The...
REFERENCES


Clapp:1986:TRT

Cheng:1980:GVG

Cloutier:1983:PAR

Canon:1980:VME

Ceri:1986:NRP

Campbell:1988:HGP

Carriero:1989:LC
REFERENCES


C. C. Chang. The study of an ordered minimal perfect hashing scheme. *Communications of the ACM*, 27(4):384–387, April 1984. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). The English translation of Ref. 6 of this paper appears in [Hua82]; that book contains the fundamental prime number functions needed for the ordered minimal perfect hash functions described here.


high speed communication lines (>100 MBit/sec).

**Cherniak:1988:UCS**  

**Callahan:1988:CGT**  

**Chang:1984:EAG**  

**Cichelli:1980:MPH**  

**Cichelli:1980:TCC**  
R. J. Cichelli. Technical correspondence: On Cichelli’s minimal perfect hash functions method. *Communications of the ACM*, 23(12):728–729, December 1980. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). This is the author’s response to the comments in [JO80] about [Cic80a]. See also [Sag85].

**Cook:1980:BSA**  

**Coulter:1986:CIS**  

**Cotterman:1989:UCT**  
William W. Cotterman and Kuldeep Kumar. User cube: a


**Campbell:1984:PSF**


**Campbell:1987:PSF**


**Carroll:1987:IDI**


**Cupello:1988:MPK**


**Card:1980:KLM**


**Chandy:1982:LHA**


**Chambers:1985:PFH**


**Cochran:1987:APY**

John Cocke. The search for performance in scientific proces-


[Com80] Michael T. Compton. Easing fault location in large systems. Communications of the

Comer:1983:CSR


Conrad:1985:DPM


Cook:1983:OCC


Cormack:1985:DCD


Courtois:1985:TSD


Courts:1988:ILR


Crawford:1987:PP1


Coombs:1987:MSF

REFERENCES


[DC83] Peter J. Denning, D. E. Comer, David Gries, Michael C. Mulder, Allen Tucker, A. Joe Turner, and


725–727, November 1981. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Denning:1981:CAS


Denning:1982:EJ


Denning:1983:WSM


Denning:1984:DSR


Denning:1985:SSC


Denning:1986:EPC


Denning:1987:ALP


Denning:1987:PC


Denning:1988:ECB

REFERENCES

Denning:1989:DTC


Diehr:1984:OPB


Denning:1989:CSJ


Denning:1981:SRD


Doyle:1982:SSS


Dongarra:1987:DMS


Driscoll:1988:RHA


Dijkstra:1965:SPC

REFERENCES

ISSN 0001-0782 (print), 1557-7317 (electronic).


REFERENCES

acm.org/pubs/toc/Abstracts/0001-0782/214928.html.


REFERENCES


REFERENCES


REFERENCES

acm.org/pubs/toc/Abstracts/0001-0782/63343.html.

-Eastman:1982:CEN-


-Edgeman:1989:RNG-


-Ebert:1987:VDS-


-Eckert:1980:EDS-


-Edin-Dor:1985:GLR-


-Edin-Dor:1984:APC-


-Edin-Dor:1987:APC-


-Efe:1987:PSP-

REFERENCES


Mohamed el Lozy. Remark on “Algorithm 395: Student’s t-Distribution” and remark on “Algorithm 396: Student’s Quantiles [S14]”. ACM Transactions on Mathematical Software, 5(2):238–239, June 1979. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic). See [Hil70a, Hil70b, Hil81a, HP85].


Jeffrey L. Eppinger. An empirical study of insertion and deletion in

**[Er85]**


**[ES89]**


**[Fec87]**


**[Fed81]**


**[Fet88]**

REFERENCES

tronic). URL http://www.acm.org/pubs/toc/Abstracts/0001-0782/48530.html. Comment 1 by Schlenk, Sun May 21 18:41:04 1989. Discusses two views: Programs can be derived from specs through mathematical methods (Hoare) versus verification as a social process (DeMillo, Lipton, Perlis). There is a response to this paper in CACM April 89.


Robert E. Filman. Reasoning with worlds and truth mainte-

**Finn:1984:AOB**


**Finn:1985:EUN**


**Fletcher:1980:MGA**


**Fikes:1985:RFB**


**Friedland:1985:DSD**


**Furnas:1987:VPH**


**Frand:1986:SSA**

REFERENCES


REFERENCES

1986. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Frenkel:1985:RMC


Frenkel:1985:TAS


Frenkel:1986:PTC


Frenkel:1986:CPP


Frenkel:1986:CCS


Frenkel:1986:ETM


Frenkel:1986:ISI

REFERENCES


REFERENCES


REFERENCES

Fujitani:1984: LOD


Fleming:1986: HLS


Galle:1981: AEG


Gallant:1988: CES


Gargantini:1982: EWR


Garg:1988: AMH


Gauss:1981: PBC


Gauss:1982: PWF


Ginzberg:1988: MCT

REFERENCES

Gould:1987:OMS

Gould:1983:CLS

Geils:1984:WSR

Gemignani:1989:VCL

Gerasch:1988:IAM

Genesereth:1985:LP

Gostl:1985:AQT

Gold:1980:SRE
REFERENCES


Gelperin:1988:GST


Guo:1989:CPT


Guo:1989:PTT


Gass:1981:DMH


Gibbs:1989:SEP


Giddings:1984:AUS


Gill:1980:HBS


Gillenson:1982:SPD

REFERENCES


Girill:1983:DIO

[GL83b] T. R. Girill and Clement H. Luk. Document: An interactive, online solution to four documenta-

tion problems. Communications of the ACM, 26(5):328–337, 1983. CODEN CACMA2. ISSN 0001-

0782 (print), 1557-7317 (electronic).

Glinert:1984:LFV


Gould:1985:DUK


Glass:1980:RTL


Gries:1988:TS


Gries:1989:TS


Gries:1986:IBG


Gifford:1988:CFS

REFERENCES


REFERENCES

Gourd:1982:SAP

Gourlay:1986:LMP

Golden:1986:SMF

Gremillion:1982:DBF

Gremillion:1984:DPR

Greenberg:1988:CAL

Gries:1986:TS
Gries:1987:TS
[79]

Grossman:1986:ORN
[79]

Grudin:1989:CAU
[79]

Gilchrist:1982:ISE
[79]

Griffiths:1987:TLR
[79]
Georgia Griffiths and G. Carlyle Stones. The tea-leaf reader al-

**Gibson:1989:SSS**

**Gonnet:1983:CAD**

**Gibbs:1986:MCL**

**Guimaraes:1983:MAP**

**Guimaraes:1985:SAP**

**Gupta:1984:SAP**

**Gustafson:1978:RSM**

**Gustafson:1988:RAL**
John L. Gustafson. Reevaluating Amdahl’s law. *Communications
REFERENCES


REFERENCES


Hickey:1984:PAF

Harrison:1986:NBM

Held:1987:MNH

Holt:1988:TPG

Heckbert:1988:RTJ

Hehner:1984:CPP

Hehner:1984:PPP
a

Hehner:1984:PPP
b
Hester:1987:SOS


Hansen:1988:RWC


Hoare:1987:CLP


Hill:1970:RSD


**REFERENCES**


REFERENCES


REFERENCES


Hanson:1985:PPP


Hayes-Roth:1985:RBS


Halstead:1980:SAP


Hirschberg:1980:DEF


Hillis:1986:DPA


Howard:1986:CAM


Hillis:1987:UPA


Holt:1987:IPT

REFERENCES


Hall:1980:VOS


Hollingsworth:1989:CPI


Hiltz:1981:EUB


Hiltz:1985:SCM


Hua:1982:INT


Heidelberger:1981:SMC


Hamaker:1988:CCD

REFERENCES

ICHBIAH:1984:APP


IRVING:1986:CPM


IVES:1984:ISC


INGLIS:1981:PUM


IWANCEVIC:1983:OSA


IVES:1983:MUI


ITALI:1988:NBR


IRONS:1961:SDC


IRONS:1983:SDC

Edgar T. Irons. A syntax directed compiler for ALGOL 60
Hash functions, for a key $x$ in a set $S$ of positive integers, of the form $h(x) = (C/(Dx + E)) \mod N$ are considered. Though the existence of $h$ is guaranteed, the scheme suffers from many practical problems because of exhaustive nature of the search for $h$.


REFERENCES

Jain:1985:ADC

Jarvenpaa:1988:GMD

Jalics:1989:COD

Jaeschke:1980:TCC
G. Jaeschke and G. Osterburg. Technical correspondence: On Cichelli’s minimal perfect hash

This letter to the editor contains comments on [Cic80a], together with a response from R. J. Cicchelli [Cic80b].


REFERENCES


Karp:1986:CCR


Kuki:1973:SSA


Kuki:1983:SSA


Kumar:1980:CSD


Kraut:1989:CPQ


Kearsley:1982:ASC


Keen:1981:ISO

REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Citation</th>
<th>Authors</th>
<th>Title</th>
</tr>
</thead>
</table>
REFERENCES


[KM84] Elliot B. Koffman, Philip L. Miller, and Caroline E. War-


[Knu84b] Donald E. Knuth. Corrigen-

[Knu92] Donald E. Knuth. Literate Pro-


REFERENCES

Koopman:1986:OES


Korman:1970:CO


Kornfeld:1982:CIA


Kowalski:1988:EYL


Karp:1981:ERP


Krull:1981:EIH


Kirkpatrick:1984:SMD


Kirkpatrick:1985:SMD

REFERENCES

Koved:1986:EMS


Kachitvichyanukul:1988:BRV


Kantorowitz:1989:AUI


Krishna:1984:OCC


Kearney:1986:SCM


Koffman:1985:RCC


Kundu:1988:ESR

Kusserow:1984:GNC


Kleijnen:1983:PCC


Kaunitz:1984:ATC


Kwok:1988:TAC


Konvalina:1983:MPK


Ladner:1989:CAF


Lamport:1981:TNP


Lam:1988:ESC

REFERENCES


REFERENCES

Liang:1984:CAAb


Liang:1984:CAAa


Lippman:1989:CIS


L'Ecuyer:1988:EPC


Lebowitz:1988:UMT


Ledgard:1986:SSH

Henry F. Ledgard. Special section on the human aspects of

**Lee:1980:LA**


**Lee:1981:RFT**


**Lemos:1985:RMC**


**Lew:1982:EFD**


**Landauer:1983:NCN**


**Lieberman:1983:RTG**

REFERENCES

CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


REFERENCES


Lipsky:1982:ABT


Loui:1983:OPG


Luccio:1980:CGA


Lampson:1980:EPM


Litecky:1981:EAR


Lee:1982:ACVb


Lee:1982:ACVa


Lientz:1981:PAS


Lam:1982:TNC

[LS82a] Clement W. H. Lam and Leonard H. Soicher. Three new combination algorithms with the

**[Langer:1982:DGA]**


**[Ledg:1982:SA]**


**[Lai:1984:APB]**


**[Lee:1986:PAR]**


**[Lubachevsky:1989:EDE]**


**[Lucas:1984:OPI]**


**[Luk:1983:EBA]**


**[Luo:1989:PSA]**

REFERENCES


ISSN 0001-0782 (print), 1557-7317 (electronic).

**Mandelbrot:1982:CCR**


**Mandl:1985:OLS**


**Manas:1987:WDS**


**Manber:1988:UID**


**Martin:1982:EGC**


**Markus:1983:PPM**


**Marcus:1984:AAI**


**Maurer:1968:IHS**


**Maurer:1983:IHC**

REFERENCES


REFERENCES

Mason:1983:PII

Mccracken:1980:JWM

McCall:1982:PRS

Mccorduck:1983:IFG

McCarthy:1987:GAI

McCracken:1987:VRC

McCarthy:1989:NCH

McNamee:1971:SMP

Mitchell:1982:CTN
REFERENCES

Mulder:1984:CSP

Mackay:1989:VVE

Mayer:1986:LPL

Medsker:1984:IDS

Mendelson:1985:PCS

Mendelson:1987:ESC

Merritt:1985:ITS

Meyer:1982:PPD
REFERENCES

Mor:1982:HCM


McKeen:1985:SMP


McHenry:1986:MVI


McCreary:1989:ADG


Malone:1987:IIS


Merkle:1981:SME


Muller:1989:MVI


Miller:1981:LES

REFERENCES

608–609, September 1981. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). See [Pet80, Dun81, Nix81, Pet81].


REFERENCES

McClintock:1980:TCA

Martin:1985:EIS

Mamrak:1987:SAS

Matheny:1983:CMQ

Maude:1984:HPA

Miara:1983:PIC

Markowitz:1984:EAD

Ma:1989:GIL


Abbe Mowshowitz. On approaches to the study of social

Mozeico:1982:HCI


McIntyre:1985:DCU


Madden:1984:DDI


Mathews:1984:CCR


McGregor:1989:SMI


McCormack:1981:AFE


McEliece:1981:SSR


Morris:1986:ADP

James H. Morris, Mahadev Satyanarayanan, Michael H. Conner, John H. Howard, David S. Rosenthal, and F. Donelson Smith. Andrew: a distributed personal computing en-

**Mantei:1988:CBA**


**Mitra:1988:EI**


**Mullin:1983:SLB**


**Munson:1988:SAP**


**Milne:1983:EDG**


**Malone:1987:EME**


**Nance:1981:TSR**

REFERENCES


REFERENCES

[Notkin:1987:HCE]  

[NHSS87]

[NK89]  

[Newborn:1989:RNA]

[NK88]

[NN89]  

[NK88]

[NMF87]  

[NMF87]

[NK89]

[NK88]

[NK89]

[NK88]

[NK89]

[NK88]

[NK89]

[NK89]
REFERENCES


**Ostrand:1988:CPM**


**ODonnell:1982:CFH**


**Olson:1982:IOA**


**OliveiRamon:1983:IDA**


**Olson:1983:ROW**


**Overstreet:1985:SLA**


**ONeill:1980:PST**


**ORourke:1981:LAF**

J. O’Rourke. An on-line algorithm for fitting straight lines

**Oren:1981:CCA**


**OLeary:1985:DFA**


**Ousterhout:1980:MED**


**Papsdorf:1985:PCA**


**Parnas:1972:TSM**


**Parnas:1983:GCS**


**Parnas:1983:TSM**


**Parnas:1985:SAS**

Patterson:1981:EHL

Patterson:1985:RIS

Peterson:1980:CLM

Pfaltz:1980:PMR

Purtilo:1989:PTA

Pearl:1982:SBF

Pechura:1981:MRN

Pechura:1982:FAT

Pechura:1983:FCT
Michael Pechura. On file compression techniques: Author’s response. *Communications of


REFERENCES


REFERENCES

ISSN 0001-0782 (print), 1557-7317 (electronic).


Ricart:1981:OAM


Raibert:1986:LR


Rajlich:1985:PDI


Ralston:1981:PNC


Ralston:1984:FCC


Ramakrishna:1989:PPB


Computing Reviews: “This short communication deals with a special kind of hash function called ‘Bloom filters.’ These filters are used, for example, to search a differential file containing updates to a main file.”.

Raugh:1985:MCE


Ramsey:1983:FVP

[RAV83] H. Rudy Ramsey, Michael E. A-


REFERENCES


REFERENCES


[Rot81] Christopher E. Rothe. An abstract programming model.


REFERENCES

Ralston:1980:CCS


Robinson:1981:ASC


Rivest:1984:HEE


Redish:1986:PSA


Rozen:1989:URS


Rivest:1978:MOD


Rivest:1983:MOD


Rubinstein:1988:SCA

REFERENCES


**Ritchie:1974:UTS**


**Ritchie:1983:UTS**


**Rettberg:1986:CNO**


**Raymond:1988:HOE**


**Reimann:1985:UOC**


**Russell:1987:VUP**


**Schriber:1981:CFR**

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Spector:1984:SSP


Spector:1984:CSI


Spector:1986:CSP


Sauter:1983:JHI


Shoch:1980:MPE


Shoch:1982:CPW


Slagle:1985:ESR


Shapiro:1983:FGP

CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).  

**Shattuck:1984:CMI**  

**Shaw:1988:SSO**  

**Shemer:1987:SAS**  

**Shneiderman:1982:CFD**  

**Shneiderman:1982:PDC**  

**Scott:1986:TTI**  

**Silberman:1983:SPT**  

**Sipala:1977:RSM**  

**Schuler:1989:ICS**  
REFERENCES


Shrager:1987:IPQ


Stanfill:1986:PFT


Srinivasan:1987:RBS


Skelly:1982:APS


Sleeman:1986:SSC


Soloway:1988:DDC

[SLL+88] Elliot Soloway, Robin Lampert, Stan Letovsky, David Littman, and Jeannine Pinto. Designing documentation to compen-

**Smith:1981:LTF**


**Smith:1985:DDC**


**Smith:1988:CCP**


**Soloway:1986:LPL**


**Spafford:1989:CA**


**Spector:1982:PRO**


**Sammet:1982:NCR**

REFERENCES

Sammet:1984:SRP


Sammet:1985:RAC


Srinivasan:1983:SDT


Steele:1980:DLB


Saunders:1986:OPI


Sohrer:1986:NMF


Sergot:1986:BNA


Schneider:1983:IHC

REFERENCES


REFERENCES


[Sus83] Edward H. Sussenguth, Jr. Use of tree structures for processing files
REFERENCES


Sutherland:1989:M


Suzuki:1982:APR


Stasko:1987:PHE


Shearer:1985:ASS


Suzuki:1982:APR


Stout:1986:TRO


Smith:1988:HIS


Straub:1989:ITO

[SV89] Detmar W. Straub, Jr. and James C. Wetherbe. Information technologies for the
REFERENCES


Tartar:1985:SRF


Tamminen:1984:CQO


Tarjan:1987:AD


Taylor:1983:GPA


Terrano:1989:UAK


Tezuka:1987:WST


Thimbleby:1989:RDC


[Tra81] Joseph Traub. Quo vadimus:
REFERENCES


**Tracht:1982:RNR**


**Tsichritzis:1982:FM**


**Tharp:1982:PTS**


**Trevathan:1984:DAN**


**Tucker:1984:PMT**


**Turner:1980:SMP**


**Turba:1982:LSL**


**Turner:1984:CMW**


**Turner:1985:CSS**

REFERENCES


[Teorey:1989:MCA]


[Udapa:1989:VRV]


[Umanath:1988:EEI]


[Valiant:1984:TL]


[VanDyke:1987:TCL]


[vanDam:1988:HKA]


[VanWyk:1987:LPPb]


[Vit82] Vitter:1982:ICH


[Vit84] Vitter:1984:FMR

[VanWyk:1987:LPPb]


REFERENCES

(7):479–484, July 1982. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


REFERENCES

Wainwright:1984:CSA

Wainwright:1985:CSA

Watkins:1982:TTC

Witten:1985:SIV

Winner:1984:SAP

Weber:1988:CTJ

Wegner:1981:SAP

Weizenbaum:1966:ECP
REFERENCES

Weiser:1982:PUS

Weiss:1982:SAP

Weiss:1983:SAP

Weizenbaum:1983:ECP

Weicker:1984:DSS

Weiss:1987:CPY

Weiss:1987:SAP

Welsch:1982:UEM

Weyuker:1988:EPB
E. J. Weyuker. The evaluation of program-based software test data adequacy criteria. *Communications of the ACM*, 31(6):668–675, June 1988. CODEN CACMA2. ISSN 0001-
Wasserman:1982:FP

Wheeler:2009:FCT

Whitted:1980:IIM

Wicklund:1982:MEP

Wichmann:1984:ATB

Wile:1983:PDF

Will:1983:ALS

Wilmot:1984:FKD

Winston:1980:LRA
REFERENCES


REFERENCES

acm.org/pubs/toc/Abstracts/0001-0782/214771.html.

Wolfram:1984:SSC


Wolfram:1984:SMC


Wolfram:1985:SMC


Watanabe:1983:SDL


Wallis:1984:RAA


Whang:1983:EBA


Wielgus:1990:AFM


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Details</th>
</tr>
</thead>
</table>
Yu:1989:EPA


Zaki:1983:REF


Zave:1984:OVC


Zhang:1984:FPA


Zahorjan:1982:BJB


Zhu:1989:TTD