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Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148  
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)  
WWW URL: https://www.math.utah.edu/~beebe/

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Fellowship [Yos01]. Female [Cam03b].

information-based [CMM95]. Informix [Sip13]. Infotech [Day23]. Infrastructure [FC16, GA22, Gra22, Par15, Sch06a, SB20]. Ingres [Bro10]. Initiative [Hen05, HIIT05]. Interviews [Gri14, LR92, LH95, RL92]. Introduction [Abb03, Ano09e, Bos08, BG93a, CK92b, CG06, CG07, GB09, GR02, KC20, Lee92g, Mis07b, MK20, Nyc96, Sei96, Smi07, VN11, Wil00c, Wil01h, Alb14, Gra12, Gra13, Per99, RCP+13, Yos15a, da 15b]. Introductory [VR22]. Intrusion [Yos16b]. Intrusion-Detection [Yos16b]. Inventing [Ano00b, Ari00, Wal00]. invention [Asp97, Kid00a, Kid00i, Puc96]. Inventions [Neb98]. Inventor [Gal11]. Investigating [CRH+21]. INWG [Day16, McK11]. IP [Yam18]. IPSJ [SWH18, Yam18]. IPTO [Kit03]. IPUMS [MR22]. IRI [Ano20a]. Irrational [Gri03a]. Iron [Gaw19]. Irresistible [Mer06]. Isackaon [Rus16a]. ISBN [Ber03d, Cer03, GH18b, Mor03, RAG+04, Smi03, Win03]. Island [Ges10b]. Israel [Ges10a]. Issue [Ano20o, Ano21n, Ano22q, Ano22r, Ano22t, Ano22s, Ber94, Ber00, Ber01c, Ber01a, Ber01b, Ber02a, Ber03c, Ber03a, Ber03b, Gal04, Lee92a, Lee92b, Lee92c, Lee92d, Lee93a, Lee93b, Lee93c, Lee94a, Lee94b, Lee95a, MK20, Wil93a, Wil94a, Wil96a, Wil97b, Lee95b]. Issue/From [Ber01c, Ber02a, Ber03c]. issues [Cer97]. Italian [CG20, Hen10, HT12]. Italy [AG21, DMPS99]. IV [PP21, Pos08]. Ivan [SB23].
Neu06, Par15, RAG^04, Rus13a, Ste22, ZR06, Cos96, Cro00a, Sei03, Yat97. 
LifeTime [Mac03]. Light [Smi16a]. 
Lighthill [van19]. Lillian [Kid99a]. Limits [EM94, Sei00, Cor20]. LINC [Kit08b]. Line [Hal92, Lee92g, WF92, RG02]. line-drawing [RG02]. Lines [Ben93b, Kis92a, Dor94]. 
Link [GA22, McQ09]. Link-State [McQ09]. Limits [EM94, Sei00, Cor20]. LINC [Kit08b]. Line [Hal92, Lee92g, WF92, RG02]. line-drawing [RG02]. Lines [Ben93b, Kis92a, Dor94]. 
Link [GA22, McQ09]. Link-State [McQ09]. Limits [EM94, Sei00, Cor20]. LINC [Kit08b]. Line [Hal92, Lee92g, WF92, RG02]. line-drawing [RG02]. Lines [Ben93b, Kis92a, Dor94]. 
Link [GA22, McQ09]. Link-State [McQ09]. Limits [EM94, Sei00, Cor20]. LINC [Kit08b]. Line [Hal92, Lee92g, WF92, RG02]. line-drawing [RG02]. Lines [Ben93b, Kis92a, Dor94].
Mataré [Van09]. Matching [Gii07].
[Mer06]. Options [Ano17w, Ano17x, Ano17v, Ano20-40, Fit03b]. Oracle [Ben13, Men13, Pre12]. Oral [BT23a, Bro18, Gui99, Hsu20, Hsu23, Kat18, Spi18]. Orange [Lip15]. Orbits [Gas99]. Ordnance [Lat13, Moo01]. Organization [Smi16b, Van95]. Organizational [BB02]. Organizations [Cor19a, Cor19b, Cor20]. Oriented [Ano20-37, Cam13]. Original [HT12, McJ17a]. Origin [Alo04, Bac09, Den01, Fei11, Kru94, Rei08, Sal20, Sal21, Sha00, Yos15b]. Originators [Cop04a]. Origins [Ber06a, BV19, Cer03, CP23, Cop04a, Est02, FH14, Gri22c, Hai06, Hai18, Jes13, Pug02, Ran94, Tat10, War18, Wil93b, Asp99, Bar03, BH99, Cro09, Fit03c]. Ornstein [Smi03]. Oscillations [Ano99e]. OSI [Rus06]. Oslo [Hol96]. Other [Del08, Den01, Gru01b, Kid96f, Pol95]. Ottawa [Ges07a]. Our [Pos22, Bab97]. Outcomes [McG12]. Outer [Ges09b]. Overcoming [Ano99e]. Overview [BL12, LM94, Smi01b]. Owens [Ano98b]. Ownership [Dia12]. Oxford [RAG+04, RCP+13, Ges07b].

P [Smi99b]. Padua [ACCH23]. Paid [Nel22]. Paint [Smi01b]. Pamela [RAG+04]. Papers [Ano15b, Ano15c, Ano18b, Ano20n, Ano20m, Ano20-32, Ano20-33, Ano20-34, Ano21-28, Ano21-29, Ano21-30, Ano22n, Ano22o, Ano22p, Ano22-35, Ano22-36, Ano23o, Ano23p, Ano23q, Ano23-27, Lus21, NK98]. Paradigm [HPR14b]. Parameteron [Yam19b]. Park [Ano97e, Ano22-67, LH95, ORB+92, Sal05, Wei99a]. Parker [DSW92]. Part [BBC+09a, BBC+09b, BBW18, BBW19, Big20a, Big20b, Cop11a, Cop11b, Cor16, Cor18, Cor19a, Cor19b, Cor20, Goe02a, GH19, GH20, Hen05, HII+05, HII*05, Hey08a, Hey08b, Kee04, Kee05, Pre12, Roe15, Spi16a, Spi16b, Spi16c, WN05, WN06, Yos16a, Cor15c, Goe02b, GR02, KD21, Roe16b, Spi15a, TYD21a, TYD21b]. Participants [Ano92c, Cor21b]. Participation [Ano23r, Rus13c]. Partisans [Coo02]. Parts [Na11]. Pascal [Kis98]. Past [Ber14, Bur05, Cor09, Cor21b, EHP22, Gra03, Nan09]. Patent [McT98]. Patents [Con15]. Path [Le17]. Patrick [And07b]. Patterns [Cor08b]. Paul [RCP+13, Ty99]. Pay [Cor22]. PC [CG06, CG07, Mer06, Sta07, Sum07]. PEACESAT [HUA23]. Pearcey [Ano23]. Peering [Lew16]. Peggy [Ano00b]. Pelkey [RR23]. Penetration [Hum12]. Pennsylvania [Win96]. People [Cor03, Ens04b, Kid15, RAG+94, Smi04, Sta20b, Cor98]. Percy [CRH+21, RC23]. Peres [RAG+04]. perfection [CK01a]. perpetual [Goy96]. Persecution [LM94]. Person [Kir20]. Personal [Ber06a, Cam03a, End13, Gal11, Gra02a, Hoa03, Hum02, Jac16, Kee04, Kee05, Nor23, Oba22, OARHC10, Pet17, Phi12, Roj04a, Sta17, Sta20b, Bar03, Bir00, Hai03a, Kli99, Log98, Mey99, Sha00]. Perspective [Asp92a, Asp92b, Asp92c, Asp93b, Asp93c, Asp93d, Asp93e, CK12, Hoa03, Hum02, Nor01, PPM+23, Spi08, Joh99]. Perspectives [Ano09e, CKGS08, De 21, Kid96c, NM09, PS23]. Persuasion [Jac16]. Peter [Gri22b, Wal12]. Ph.D. [HO23]. Phenomenon [And07b, Cro93]. Phil [Owe96]. Philadelphia [Hea01b]. Philco [Kos03a, Ros04]. Philips [Pee09]. Philosophers [Hem19]. Phone [Tra19]. Phonetic [Hen05]. Photolithographic [Lat13]. Physicist [And07b]. picture [PM12]. Pictures [RCP+13]. Piece [CK02a, Cor01a, Cor09, Dic13, DA14, Edw01, Gru01b, Lap09]. Pillars [CK02b]. pilot [Ano99e]. pilot-induced [Ano99e]. Pinkerton [Ano98a]. Pins [Cor21a]. Pioneer [And07a, And09, Cam03b, CD14, CH15, Goe02b, Goe02a, Hai08, Hai10b, Hai11,
Nik17b, Nyi11, SL12, SK11, Spi15a, Spi16a, Spi16b, Spi16c, Sub13, Twa93, WH17, Yos13b, dPRG21, Cro00b, Kis99a, Hus97.

Pioneering [Bir00, CK08, Ste06, SW95, Hal00].
Pioneers [RAG'04, Kid00d].
Pisa [CG20].
Pit [Med08].
Pittsburgh [Asp99, Ges08].
Pivot [Day23].
PKI [Par15].
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Plains [Ges09a].
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Plankalkül [Gil97].
Planned [GH93].
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Political [Ich06, McD10b, Mul20, Wei08, Joh99].
Politics [Don10, Kan21, Nor23, Per20, Tin10].
Pollak [Kis99a].
Pong [Low09].
Poor [Kid00i].
portrait [Cro00b, Spi03].
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possible [Cor97].
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Postcolonial [PN16].
Postel [Ano99d].
PostScript [War18].
Postwar [CK08, CO12, Kid23, Sch17].
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Power [And22, Coh15, Ens04b, Lew17, Sla08].
pp [Smi78, Ano97e, GH18b, Mor03, RCP+13, Smi03, Win03].
pp. [Cor03, RCP+13].
Practical [Kid15].
Practice [Ayl10b, Dun21].
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Precision [WD98].
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Preserving [Cor09, Cor21b, Gra03, Joh20].
President [Ber09].
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Press [Ber03d, GH18b, Mor03, RAG+04, RCP+13, Sid20, Win03].
Price [Bro77, Nor77, Smi78, Ash76, Bal76, Dra76a, Mor84, Nas75, Ole77].
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Probability [Dry18].
Problem [Fri94, Gar21, Nel17, Wu15, Fit02b].
Problems [HS14].
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Process-Control [Ayl10a].
Processes [Cob23].
Processing [Ber06a, Ber06b, CG06, ES05, Hai06, MR22, Mak06, NM09, Sin09, Yos01, Bir00, Kir98, Kis99a, Tat10].
produced [RCP+13].
Product [Boh13, Gan04b, Hai02, Hen05, McG09, Ano02e, Pos98].
Production [FC15, Ken22, O'D09, Van95].
productivity [Kid00g, Ken22].
Products [GJ02, Yos15b].
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Profession/occupation [Zwe99].
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Professionalism [Ens01].
Professionalization [FHD17].
Profit [Moo03].
Program [Day21, HPR14c, Hem19, McG09, Rop07, WI14, Cer97, Gri96].
Programmability [HP18].
Programmable [RP12].
Programme [David21].
Programmer [Vog17, Wil00c, Bro00].
Programming [Alb14, All18, Ber94, Ber09, Bul21, CK92c, CK98, CK07b, De 21, Got23, Gri11b, Kos03a, Kos03b, Nof10, Pau14, Pay14, Pri21, PP21, Ran94, Whe92a, Gill97, Roh99].
Programs [Dun21, Hun12, Joo13, Lus21, Pau14, Roj21, SB98].
Progression [Sm16b].
Project [CG20, Dur10, KH21a, McJ17b, Moo1, MK14, OARHC10, PHL92, Rob16, Spi05, Wil01b, Ibb09, Joo99, Bur23, Gas99, Gri97, Gri98, KH21b, Lav22b, LFS+92, LR92, Ran15, Roe12, Wil18, Yos02].
Projects [CdLF+22, Paj08, Gri98].
Prolegomena [Ray02].
Proliferation [Ber06b].
Prolog [Lee92h].
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Quadruopole [CO12]. Quantum [Ano20-38, Ano22-53, Ano23-42, Ano23-43]. Quarter [Ano19-38, Ano19-48]. Queens [Buc20]. Queries [Ben93a, Ben93b, Ber92, Buc95a, Buc95b, BS96, Car92, Dum94]. Ek92, GM96, Gro92, Gro93, Hal92, Hym92, Jac93, Kis92b, Kis92a, Rob93, Ros92, Sha00, Tod93, Tro93, Tro95, WF92, Wi00b]. query [Fitz02b]. Quest [Ano00b, Wi00a]. Question [Ay110a, Day21, Ens01]. Queutelet [Ber92]. Quevedo [Gon20, dPRG21]. Quing [Ano92d].


Standing [Vid23]. Stanford [Bra13, Gil07].
Stanley [BH99]. Starr [Sub13]. Stars [Ano14f, Ano14g, Ano15n, Ano15o, Ano15p, Ano16m]. Start [Ano92d, GJ02, Mor03, Gri98, Kir98].
Start-up [Mor03]. Startup [Ano15p].
State [Cla10, McQ09, Har99]. States [Rus13a, Cor97, Jes13, Kid19b, Kid23, Mir19, Tra19, Tro93, Tro95]. Stating [McG12].
Statistical [Nik17b, Smi12]. Statistics [Alo07, vdE94].
steel [Van95].
Step [CVRM15]. Stephanie [Spi18]. stepped [Kis99b].
Sterling [Bau06, Gra21b]. Still [Ben93b]. Stockholm [Ges12b]. Storage [Hai09, Kat10]. Store [Bac09]. Stored [HPR14c, Pow19, Rop07, Cer97].
Stored-Program [HPR14c, Rop07].
Stories [Cor14, Kid99c, Ste03, Lee99b].
Stork [Kid97a]. Story [Cer14, Dia16, Fel11, Gra21b, Hea01b, Kid99e, Lei08, Lor19, Men13, Pre12, Sup15, Wei94a, Lee95e, McK95, Smi01a]. Strano [Gri22c].
Structures [BS11]. Struggle [GS07, Smi99a]. Student [Ano17n, Ano18v, Ano21-44, Cam13, Mil06].
Student-Oriented [Cam13]. Studies [Kli11, Mis99, Est96]. Studio [OB08].
Study [BB02, CK97, Hem19, Hol94, Par07, Lan00, Lee96].
Study [Cor07, Cor15c, Cor16, Cor18]. Style [AD14]. Styles [Alb14]. subcommittee [McK95]. Subject [Ano13a, Ano00a].
Supercomputer [Lew17].
Supercomputers [EM94].
superconductive [Ber03f]. SuperPaint [Sho01]. Superscriber [CF92]. Supply [Kid99e]. Support [Cla10]. Surveillance [DeN15a].
Survey [Geo08, Eck98]. Survive [GS07]. Susan [Hin18]. Susanne [Mis99].
Sustainability [HmWK23]. Sustainable [Ano19m, Ano19n, Ano23k, Ano23l, Ano23m].
Sutherland [SB23]. Svein [Hol96]. SW [Ano19-48]. SWAC [Cor08a, HTAY97, Hus97]. Sweden [Ges12b, Joh96, LS08, Pet05].
Swedish [Joh96, Joh99]. Swiss [Kid00k, Neu04, Neu05]. Switches [Pau14].
switching [Gre95]. Switzerland [Bau17].
synthesis [Sha97]. Synthesizers [Col14].
System [BH95, Dor94, Doy01, Fei22, FM93, Gri12, Gok2, Has16, Hem14b, HK21a, KH21b, Kat10, Kis05, Len22, MR23, MF93, Nie09, Run08, Sh01, Gas99, Rei97, BV19, Bro09, Ekl94, Kru09, Lee92f, McG09, Mor20, Wad12].
System/370 [Wad12]. Systems [Ayi10b, Bar05, BH09, BG22, Bro09, Coh15, Got23, GB09, Gra12, Gra13, Har22a, Hum94, Kel22, Kos07, Nik17b, Pee09, Smi01b, SD98, Tol21, WC12, WG19, Wh92a, Wie10, Wil03, Yos16b, Ari00, Eck98, Hei97, KS97].

Tables [CCK00, Fei11, Gri97, Gri98, Gri01b, Pol95, Roe12].
Tabulating [Cro03b].
Tabulation [LM94]. Tabulator [Hai01, Kis95]. Taiwan [Lin16, Tin11].
Taiwanese [Tin10]. Take [Ano14k, Ano15v].
Takeover [Bau06]. Taking [HII+05, LM94, MT06]. Tale [PAG08, Hol97].
Technology [Ano17o, Ano17p, Ges09a, KB21]. Technical [Hod19, Par08, Sei97, McK95]. Technique [Ram97]. Technological [BB02, Hol94, Ich06, Var94, Bow96c, Joh99].
Technologies [Ake98, CK08, Cor12, Cor15c, Cor19a, Cor19b, Cor20, HmnWK23, MB09].
Telnet [Hic19]. Templates [Kid19a]. TEMS [Ano18m, Ano18n, Ano20-50, BLR11, BLH12, Car93, Cor06b, Cor08b, Don10, Feu06, GAA2, Ges09b, Hal18, JMV10, Kid99e, Lee99b, Lev05, LM94, McDo10b, Mis99, Mor03, RAG+04, RCP+13, Sub14, Win03, Yam18, DFM+99, Hei97, Joh99, Kis97, MP97, Per99, Pos00, Wu98, Ano00b, JB07, Joh96, Mr19, WD98, Kid00i].
Técnicos [FHD17]. TECO [Mur09].
Telecommunications [Ano97f, BBC+09a, BBC+09b, CER03, Pan14, PM12, Mis99].
Telefunken [JMSV10, JMV10].
Telegraphy [Win03]. Telematics [Fra18].
Telephone [Irv01]. Teletext [Ste06]. Television [ORB+92]. Tell [Cer14]. Telnet [Fit03b].
Teletext/Videotex [Step06].
Technology [Ano18m, Ano18n, Ano20-50, BLR11, BLH12, Car93, Cor06b, Cor08b, Don10, Feu06, GAA2, Ges09b, Hal18, JMV10, Kid99e, Lee99b, Lev05, LM94, McDo10b, Mis99, Mor03, RAG+04, RCP+13, Sub14, Win03, Yam18, DFM+99, Hei97, Joh99, Kis97, MP97, Per99, Pos00, Wu98, Ano00b, JB07, Joh96, Mr19, WD98, Kid00i].
[Ano19k, Ano19l, Ano19m, Ano19n, Ano20m, Ano20k, Ano23j, Ano23k, Ano23l, Ano23m].
Transfer [Lev05]. Transfers [Vid20].
Transformation [Per99, Owe96].
Transformations [Bul15].
Transforming [Bar07, Car93]. Transistor [CO12, GS98].
Transistorized [Bro99b].
Transformation [Per99, Owe96]. Transformations [Bul15].
Transforming [Bar07, Car93]. Transistor [CO12, GS98].
Transistorized [Bro99b]. Transformation [FH14, SB20].
Transformations [Coh15].
Unfamiliar [Roy11]. Unfolds [Cor15c, Cor16].
Unifying [Aum11]. Union [Ber03f, FBK06]. Unisys [GS07].
United [Kid19b, Tra19, Cor97, Jes13, Kid23, Kir99, Mir17, Rus13a, Tro93, Tro95, Wyv98].
Univ [RAG+04]. Univac [Hea01b, Joh06, Kos03b]. Universal [Gon20, MK14, Aga01, Roj98, Smi02].
Universality [AD14]. Universities [AW94, Asp00]. University [Cla10].
CdLF+22, GH18b, Joh96, Mor03, RAG+04, RCP+13, Yan19b, ACCH23, Asp99, Ben93a, Bra13, BB02, BGM02, CK92b, CK92c, CK98, Cam13, Gio93, Hum94, Ibb99, Kos07, Min07a, Min07b, RR04, SW96, Smi07, VHCSCC15, Wil94b, Win96]. Unix [Sip13, Too10].
Unknown [Bru17].
Unlimited [Ano17z]. Unraveling [Nof10].
Unsolicited [Bau06]. Update [Spi21, Spi23a]. Upon [RP12].
Ubisoft [RCP+13, MP97].
U.S. [Bow96c, GA22, HO23]. Usability [CK07b, Kid96g].
Use [Alo04, Cor01b, EM94, Kis01, Neu04, Sch23, Ste03, VN11, Ver11, Wil02, Wu15].
Useful [Kid15, Sjö11]. Usefulness [Kid96g].
User [Bur23, SR14, Wu15, Lan00, Nor23].
user-driven [Lan00]. User-Friendliness [Nor23]. Uses [Kid97b, Wil93b, WT03].
Upon [RP12]. User [Hea01b, JO20]. Vacuum [Log98].
Validity [BB02, USA].
Validity [BB02, USA] [Sid20].
VisiCalc [Gra07].
Videogames [Low09, MB09]. Videotex [Ste06].
Virtual [AG19, Ano20q, Den01, DK23, ZR06].
Virtualities [Den01]. VisiCalc [Gra07].

[BLR11, Cla10, Gre13, ORB+92]. Ulery [Nik17b]. Ulm [Kir20]. Ultra [Kid96f].
unanticipated [Nor98]. Unbundling [GRA02a, Hum02, Ano02c]. Uncertainty [Hod19]. underlying [Bar97]. Understanding [Cor01b, Kid00].
Understand [Cor01b, Kid00]. Understanding [Cor01b, Kid00].
EHP22, Mis07c, Wei06]. Unfair [Cop04b].
Unfamiliar [Roy11]. Unfolds [Cor15c, Cor16].
Unifying [Aum11]. Union [Ber03f, FBK06]. Unisys [GS07].
United [Kid19b, Tra19, Cor97, Jes13, Kid23, Kir99, Mir17, Rus13a, Tro93, Tro95, Wyv98].
Univ [RAG+04]. Univac [Hea01b, Joh06, Kos03b]. Universal [Gon20, MK14, Aga01, Roj98, Smi02].
Universality [AD14]. Universities [AW94, Asp00]. University [Cla10].
CdLF+22, GH18b, Joh96, Mor03, RAG+04, RCP+13, Yan19b, ACCH23, Asp99, Ben93a, Bra13, BB02, BGM02, CK92b, CK92c, CK98, Cam13, Gio93, Hum94, Ibb99, Kos07, Min07a, Min07b, RR04, SW96, Smi07, VHCSCC15, Wil94b, Win96]. Unix [Sip13, Too10].
Unknown [Bru17].
Unlimited [Ano17z]. Unraveling [Nof10].
Unsolicited [Bau06]. Update [Spi21, Spi23a]. Upon [RP12].
Ubisoft [RCP+13, MP97].
U.S. [Bow96c, GA22, HO23]. Usability [CK07b, Kid96g].
Use [Alo04, Cor01b, EM94, Kis01, Neu04, Sch23, Ste03, VN11, Ver11, Wil02, Wu15].
Useful [Kid15, Sjö11]. Usefulness [Kid96g].
User [Bur23, SR14, Wu15, Lan00, Nor23].
user-driven [Lan00]. User-Friendliness [Nor23]. Uses [Kid97b, Wil93b, WT03].
Upon [RP12]. User [Hea01b, JO20]. Vacuum [Log98].
Validity [BB02, USA].
Validity [BB02, USA] [Sid20].
VisiCalc [Gra07].
Videogames [Low09, MB09]. Videotex [Ste06].
Virtual [AG19, Ano20q, Den01, DK23, ZR06].
Virtualities [Den01]. VisiCalc [Gra07].


Xerox' [Got23, Spr18b]. xxiv [Win03].

Y2K [Mul20, Kid00]. Yasuo [CO12]. Year [Ano97d, Ber03d, Nel22, Mar10a, Smi99a]. Years [AL12, AG12, And22, AG21, BS11, Cer01, ES05, GM96, Gra12, Kne17, LH95, Med08, Spe98, WC12, WN05, WN06, Woo95, Yam18, We100]. York [Sm178, Ges09b, Ges10b]. Yost [GH18b]. Young [Lee99b]. "Yours [Kid01d]. Youth [Gri10].

Z1 [Roj97]. Z3 [Roj97, Roj98, RDGH05]. Zambia [Mac03]. Zeeland [Car20, Nis23, Tol21]. Zegart [Fit23]. Zurich [Spe98]. Zuse [Gil97,
REFERENCES

Roj97, Roj98, RDGH05, Wei96c. Zygmont [RAG+04].

References


Anderson:2007:B


Alberts:2014:UVL


Adam:1996:CGH


Adam:2005:B


Adamson:2006:B


Alvarez:2012:HCC


Andoh:2019:VWF


Ausiello:2021:TCS

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REFERENCES

Agar:2001:TUM


Asahi:2023:DCM


Ainsworth:2023:TPD


Akera:1998:BIS


Akera:2000:ETT


Akera:2004:CKI


Akera:2008:LWB


[Alo04] Mario Aloisio. The calculation of Easter Day, and

**Aloisio:2007:CMS**


**Alper:2015:AAA**


**Anderson:2007:MNT**


**Annals:2012:R**

REFERENCES

Anonymous:1992:Ia

Anonymous:1992:IB

Anonymous:1992:BPA

Anonymous:1992:HSC

Anonymous:1992:RB

Anonymous:1993:I

REFERENCES

Anonymous:1995:R


Anonymous:1997:A


Anonymous:1997:BGH


Anonymous:1997:B


Anonymous:1997:SBE


Anonymous:1997:CBP


Anonymous:1997:WLM


Anonymous:1998:BJM

[Ano98a] Anonymous. Biographies, John Mourice McClean Pinker-
REFERENCES


Anonymous: 2002: AI


Anonymous: 2002: RLN


Anonymous: 2002: ESb


Anonymous: 2002: ESa

REFERENCES


Anonymous:2005:AIV

Anonymous:2006:IAH

Anonymous:2007:AI

Anonymous:2008:Rb

Anonymous:2009:AIa

Anonymous:2009:AIb

Anonymous:2009:EB

Anonymous:2009:EEB
REFERENCES

Anonymous:2009:GEI


Anonymous:2009:Ra


Anonymous:2009:Rb


Anonymous:2010:A


Anonymous:2010:R


Anonymous:2011:AI


Anonymous:2011:Ra


Anonymous:2011:Rb


Anonymous:2011:Rc


Anonymous:2011:Rd

Anonymous:2011:W


Anonymous:2012:AVI


Anonymous:2012:IFC


Anonymous:2013:AAS


Anonymous:2013:CNH


Anonymous:2013:MAa


Anonymous:2013:MAb


Anonymous:2013:Ma


Anonymous:2013:DMH


Anonymous:2013:FC

Anonymous:2013:RS


Anonymous:2013:TC


Anonymous:2014:FCa


Anonymous:2014:FCb


Anonymous:2014:IWH


Anonymous:2014:MMA


Anonymous:2014:RBR


Anonymous:2014:RSC


Anonymous:2014:RSM


REFERENCES

Anonymous:2014:TCa

Anonymous:2014:TCb

Anonymous:2014:TCL

Anonymous:2015:RMD

Anonymous:2015:CPHa

Anonymous:2015:CPHb

Anonymous:2015:EB

Anonymous:2015:EBHa

Anonymous:2015:EBHb
Anonymous. Editorial board house advertisement. *IEEE
REFERENCES

Anon


REFERENCES


REFERENCES

???? 2016. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

**Anonymous:2016:Ma**


**Anonymous:2016:Mb**


**Anonymous:2016:RSB**


**Anonymous:2016:TCa**


**Anonymous:2016:TCb**


**Anonymous:2016:TCC**


**Anonymous:2016:AYCa**


**Anonymous:2017:ICC**

Anonymous:2017:AYCb


Anonymous:2017:CNE


Anonymous:2017:FYJb


Anonymous:2017:FYJa


Anonymous:2017:FCa


Anonymous:2017:FCb


Anonymous:2017:FCc


Anonymous:2017:FCd

Anonymous:2017:ICSd


Anonymous:2017:LBTa


Anonymous:2017:ICSb


Anonymous:2017:ICSb


Anonymous:2017:LBTb


Anonymous:2017:Ma


Anonymous:2017:Mc

REFERENCES


REFERENCES

Anonymous:2017:TCb


Anonymous:2017:TCc


Anonymous:2017:TCd


Anonymous:2017:AI


REFERENCES


Anonymous:2018:FCC


Anonymous:2018:FCb


Anonymous:2018:FCc


Anonymous:2018:FC


Anonymous:2018:ICSb


Anonymous:2018:ICSa


Anonymous:2018:LHA


Anonymous:2018:ILC


Anonymous:2018:ITEa


Anonymous:2018:ITEb


Anonymous:2018:ILC


Anonymous:2018:ITEa


Anonymous:2018:ITEb

REFERENCES


 Anonymous:2018:TCb

 Anonymous:2018:TCc

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 Anonymous:2019:CEa

 Anonymous:2019:CEb

 Anonymous:2019:CEc

 Anonymous:2019:IAH


<table>
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<td><strong>Anonymous:2019:FCa</strong></td>
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</tbody>
</table>
REFERENCES

Anonymous:2019:ICSc


Anonymous:2019:ICSd


Anonymous:2019:ICSf


Anonymous:2019:ICSg


Anonymous:2019:ICSh


Anonymous:2019:ICSi


Anonymous:2019:ICSj


Anonymous:2019:ICSk


Anonymous:2019:ICSi


Anonymous:2019:ICSj

REFERENCES

IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

Anonymous:2019:ILC


Anonymous:2019:IWC


Anonymous:2019:GQ


Anonymous:2019:IGH


Anonymous:2019:IP


Anonymous:2019:Ma


Anonymous:2019:Mb


Anonymous:2019:M


Anonymous:2019:PG


Anonymous:2019:SP

Anon Anonymous:2019:S

Anon Anonymous:2019:SC

Anon Anonymous:2019:SGQ

Anon Anonymous:2019:TCa

Anon Anonymous:2019:TCb

Anon Anonymous:2019:TCc

Anon Anonymous:2019:TCd

Anon Anonymous:2019:TS

Anon Anonymous:2020:CEb

Anon Anonymous:2020:CGA
REFERENCES

Anonymous:2020:Cb


Anonymous:2020:CEa


Anonymous:2020:Cd


Anonymous:2020:ICG


Anonymous:2020:ICAb


Anonymous:2020:CAb

REFERENCES

July/September 2020. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

Anonymous:2020:CV


Anonymous:2020:CPIb


Anonymous:2020:CPIa


Anonymous:2020:CSI


Anonymous:2020:Caa


Anonymous:2020:EANa


Anonymous:2020:EANb


Anonymous:2020:ECO


Anonymous:2020:FCa

REFERENCES

IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

**Anonymous:2020:FCb**


**Anonymous:2020:FCc**


**Anonymous:2020:FCd**


**Anonymous:2020:GPNa**


**Anonymous:2020:GPNb**


**Anonymous:2020:HES**


**Anonymous:2020:H**


**Anonymous:2020:ICSa**


**Anonymous:2020:ICSc**

REFERENCES

Anonymous:2020:ICSg


Anonymous:2020:ICSe


Anonymous:2020:ICSc


Anonymous:2020:ICSF


Anonymous:2020:IIS


Anonymous:2020:IQS


Anonymous:2020:IMR

Anonymous:2020:KYC


Anonymous:2020:NE


Anonymous:2020:Ma


Anonymous:2020:TCa


Anonymous:2020:Mb


Anonymous:2020:TCb


Anonymous:2020:Mc


Anonymous:2020:TCc


Anonymous:2020:Md


Anonymous:2020:TCd

Anonymous:2020:TTT


Anonymous:2020:WA


Anonymous:2020:ICC


Anonymous:2021:AIC


Anonymous:2021:CSEa


Anonymous:2021:IAH

REFERENCES

Anonymous:2021:ISP\textsuperscript{a}


Anonymous:2021:ISP\textsuperscript{b}


Anonymous:2021:IPC


Anonymous:2021:CA\textsuperscript{a}


Anonymous:2021:CA\textsuperscript{b}


Anonymous:2021:F\textsuperscript{Ca}


Anonymous:2021:F\textsuperscript{Cb}

Anonymous:2021:FCc


Anonymous:2021:FCd


Anonymous:2021:GPIa


Anonymous:2021:GPIb


Anonymous:2021:GPNa


Anonymous:2021:GPNb


Anonymous:2021:ICSa


Anonymous:2021:ICSd


Anonymous:2021:ICSi
REFERENCES


Anonymous:2021:ICSSo


Anonymous:2021:ICSg


Anonymous:2021:ICSk


Anonymous:2021:Ma


Anonymous:2021:Mb


Anonymous:2021:Mc


Anonymous:2021:Md


Anonymous:2021:NE


Anonymous:2021:RMS


Anonymous:2021:SMY

Anonymous:2021:SCEa  

Anonymous:2021:SCEb  

Anonymous:2021:TCa  

Anonymous:2021:TCb  

Anonymous:2021:TCc  

Anonymous:2021:TCd  

Anonymous:2021:WA  

Anonymous:2022:A  

Anonymous:2022:AWC  

Anonymous:2022:CSA  


Anonymous:2022:CAI


Anonymous:2022:CPIa


Anonymous:2022:CPIb


Anonymous:2022:CPIc


Anonymous:2022:CSIa


Anonymous:2022:CSIb


Anonymous:2022:CSId


Anonymous:2022:CaaS

REFERENCES


REFERENCES

**Anonymous:2022:ICGb**


**Anonymous:2022:ICSa**


**Anonymous:2022:ICSf**


**Anonymous:2022:ICSp**


**Anonymous:2022:ICSb**


**Anonymous:2022:ICSg**


**Anonymous:2022:ICSc**


**Anonymous:2022:ICSh**


**Anonymous:2022:ICSl**

REFERENCES


Anonymous:2022:ICSn


Anonymous:2022:ICSt


Anonymous:2022:ICSq


Anonymous:2022:ID


Anonymous:2022:IQW


Anonymous:2022:Mc


Anonymous:2022:Mb


Anonymous:2022:Mc


Anonymous:2022:Md


Anonymous:2022:NE

Anonymous:2022:SCE

Anonymous:2022:TCa

Anonymous:2022:TCb

Anonymous:2022:TCc

Anonymous:2022:PSE

Anonymous:2022:WLB
REFERENCES

ISSN 1058-6180 (print), 1934-1547 (electronic).


**Anonymous:2023:ISP**


**Anonymous:2023:ITB**


**Anonymous:2023:ITSa**


**Anonymous:2023:ITSb**


**Anonymous:2023:ITSc**


**Anonymous:2023:CMA**


**Anonymous:2023:CPIa**


**Anonymous:2023:CPIb**


**Anonymous:2023:CPIc**

References


Anonymous:2023:CP


Anonymous:2023:CM


Anonymous:2023:EN


Anonymous:2023:CA


Anonymous:2023:CB


Anonymous:2023:CC


Anonymous:2023:CD


Anonymous:2023:PN


Anonymous:2023:HA


Anonymous:2023:SK

Anonymous. IEEE Computer Society: Call for pa-
REFERENCES


Anonymous:2023:ICSb


Anonymous:2023:ICSf


Anonymous:2023:ICSj


Anonymous:2023:ICSn


Anonymous:2023:ICSl


Anonymous:2023:IQWa


Anonymous:2023:IQWb


Anonymous:2023:LSC


Anonymous:2023:Ma

Anonymous:2023:RCSa

Anonymous:2023:RCSb

Anonymous:2023:TCa
REFERENCES

**Anonymous:2023:TCb**

**Anonymous:2023:TCc**

**Anonymous:2023:TCd**

**Anonymous:2023:WA**

**Aris:2000:ISE**

**Ashfaque:1976:RBG**

**Aspray:1992:IPa**

**Aspray:1992:IPb**
REFERENCES

Aspray:1992:IPc


Aspray:1993:EH


Aspray:1993:IPa


Aspray:1993:IPb


Aspray:1993:IPc


Aspray:1993:IPd


Aspray:1997:IMW

Aspray:1999:CCD


Aspray:2000:WEE


Aspray:2001:AET


Aspray:2001:ETH


Aspray:2001:ES


Aspray:2007:LCH

REFERENCES

1058-6180 (print), 1934-1547 (electronic).

Aspray:2013:CIE

Aspray:2014:MSM

Aspray:2015:ISD

Aspray:2021:BAL

Aumann:2011:DUS

Aspray:1994:AAS

Aspray:2011:NVN

Aylen:2010:PPC
REFERENCES

Aylen:2010:QSN


Baber:1997:CEE


Backus:1998:HFI


Bachman:2009:OID


Baker:2017:SBU


Ballin:1976:BRB


Barnes:1997:DCE

REFERENCES


Bennett:1993:CQDb


Bennett:1993:CQDb

Bennett:2013:OMK


Bennett:1993:CQDb

Bergin:1994:SIP


Bergin:2000:AI


Bergin:2001:AIa


Bergin:2001:AIb

URL http://computer.org/
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Brown:1999:FTF


Bromley:2000:BAE


Brooks:2010:SIG


Brock:2018:OHJ


Brock:2023:DCH


Brueck:2009:SMS


Bruderer:2017:EHC

Burns:1996:CQD


Bell:2011:BCS


Boell:2023:COH


Boell:2023:HCO


Buchholz:1995:CQDa


Buchholz:1995:CQDb


Buckholtz:2020:QC


Bullynck:2015:CPT

Maarten Bullynck. Computing primes (1929–1949): Transfor-


REFERENCES

54, April/June 2022. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).


[Car92] Robert Donald Carter. Comments, queries, and debate: German ferrite cores from World War II. *IEEE
Carlson:1993:TIT


Carnota:2015:BCS


Carpenter:2023:OBD


Castleman:2006:MAC


Collopy:2019:RRP


Croarken:2000:BNR

REFERENCES


REFERENCES


[Ceruzzi:1992:Rc]


[Croarken:2003:ESd]


[Ceruzzi:1992:Rd]


[Ceruzzi:1993:R]


[Ceruzzi:1997:CDA]
Ceruzzi:2001:VYH


Ceruzzi:2002:DAS


Ceruzzi:2003:BRD


Ceruzzi:2006:MI


Ceruzzi:2014:HFT


Crawford:1992:ASA

Ceruzzi:1992:Rb


Ceruzzi:1994:GEI


Ceruzzi:2006:GEI


Crowe:1994:LBS


Cignoni:2020:PAK


Crowther-Heyck:2005:MN


Copeland:2015:AVH

REFERENCES

1058-6180 (print), 1934-1547 (electronic).


REFERENCES

Campbell-Kelly:1994:CBA


Campbell-Kelly:1997:ICS


Campbell-Kelly:1998:PEE


Campbell-Kelly:2000:CBE


Campbell-Kelly:2001:CBE


Campbell-Kelly:2001:CBI

REFERENCES

an/books/an2001/pdf/a4044.pdf.


REFERENCES


Cohen:1998:HAN


Cohn:2015:TAD


Collopy:2014:VSA


ConDiaz:2015:ESP


ConDiaz:2017:R


ConDiaz:2019:ED


ConDiaz:2020:EDa


ConDiaz:2020:EDb


REFERENCES


REFERENCES

Cortada:2006:EIB


Cortada:2006:LTT


Cortada:2007:SRI


Cortada:2008:PPH


Cortada:2009:TPP


Cortada:2012:ITG


Cortada:2013:XCB

Cortada:2014:WSI


Cortada:2015:SNS


Cortada:2015:DHO


Cortada:2015:SHI


Cortada:2016:SHI


Cortada:2017:IBO


Cortada:2018:SIH


Cortada:2019:RWHa

[Cor19a] J. W. Cortada. Rethinking why and how organizations acquire
REFERENCES


REFERENCES

[102x681] computer.org/annals/an1993/a3009abs.htm.

Croarken:1999:CJC


Croarken:2000:DHL


Croarken:2000:HAP


Croarken:2003:MEC


Croarken:2003:THC


Crooks:2018:CFC


Crocker:2019:LN

S. D. Crocker. Learning to
REFERENCES


**Cervantes-Villagomez:2015:SSM**


**daCostaMarques:2015:BCM**


**daCostaMarques:2015:HCL**


**Darwen:2012:RMB**


**Davies:2017:ECP**


**DominguezNava:2015:BHC**

Day:2016:COI


Daylight:2021:AQW


Dayasindhu:2023:WIP


DeSollaPrice:1959:AGC


DeSollaPrice:1974:GGA


DeWit:1995:CBH


DeMol:2021:LPC

REFERENCES


REFERENCES

**Dick:2013:MWW**


**Dzardanova:2023:VRJ**


**DeMol:2018:LMF**


**Dritsa:2018:AHC**


**DeMarco:1999:ECI**


**Dodge:2000:CBE**


**Donig:2010:AAT**

[Don10] Simon Donig. Appropriating American technology in the 1960s: Cold War politics

[Dornian:1994:RTC]


[Dow04]


[Dow09]


[Doyle:2001:UNF]


[dePosada:2021:LTQ]


[Drachmann:1976:BRB]

Drake:1976:GFM


Drane:2018:HAH


Dryer:2018:AUR


Di:1992:JPB


Denning:2021:MLE


Dumey:1994:CQD


Dunning:2021:WWP


Durnova:2010:SCC

[Dur10] Helena Durnova. Sovietization of Czechoslovakian computing: The rise and fall of the SAPO
REFERENCES

Durnova:2014:EAE


Dick:2018:DHS


Dionne:2020:II


Elzway:2017:BR


Eckstein:1996:JPE


Eckstein:1998:SDC


Eckstein:2007:JK

Eckstein:2007:WCB

[102x681]REFERENCES


Edwards:2001:TP


Edmunds:2011:UCD


Emigh:2022:PPS


Eklund:1992:CQD


Eklund:1994:RAA


Elzen:1994:SLS

REFERENCES

Erskine:2002:LER

Endres:2004:IBE

Endres:2013:ELC

Ensmenger:2001:QPC

Ensmenger:2004:OSL

Ensmenger:2004:PPT
REFERENCES

Ensmenger:2007:CEA

Ensmenger:2009:SHE

Ensmenger:2013:CMG

Ensmenger:2015:EDb

Ensmenger:2015:EDa

Ensmenger:2016:EDb

Ensmenger:2016:EDa

Ensmenger:2017:EDa
REFERENCES

Ensmenger:2017:EDb


Ensmenger:2017:EUD


Ensmenger:2017:EDc


Ensmenger:2018:HDC


Ensmenger:2018:LGH


Epstein:2013:HS


Eckdahl:2003:WCC

REFERENCES


REFERENCES

Fitzpatrick:2003:AHD

Fitzpatrick:2006:MBC

Fitzpatrick:2000:ESa

Fitzpatrick:2001:ESb

Fidler:2015:PIA
Bradley Fidler and Morgan Currie. The production and
REFERENCES


[Fidler:2016:IRH]

[Fedorkow:2021:RSW]

[Feinler:2010:NIC]

[Feinler:2011:HTT]

[Feichtinger:2022:CCH]

[Feldman:2011:CTB]

[Fernandes:2022:RLD]
Kim Fernandes. Review of Lives of Data: Essays on Com-

**Feurzeg:2006:ETB**


**Fevolden:2013:BBW**


**Fuegi:2003:LBC**


**Fornes:2014:CTO**


**Fornes:2017:CDA**


**Fidler:2017:EOE**

REFERENCES


REFERENCES


[Fra18] Philip L. Frana. Telematics and the early history of interna-


Galler:2004:AHF


Galloway:2011:PCM


Ganzhorn:2004:BIB


Ganzhorn:2004:IBL


Garvey:2021:GPS


Gass:1999:PMM

REFERENCES


REFERENCES

Geselowitz:2007:BEC


Geselowitz:2007:OCA


Geselowitz:2008:AAP


Geselowitz:2009:LAN


Geselowitz:2009:FTO


Geselowitz:2010:I


Geselowitz:2010:LIN


Geselowitz:2011:G


Geselowitz:2011:V

Geselowitz:2012:I


Geselowitz:2012:SS


Goldstine:1946:ENI


Godfrey:1993:CNP


Grad:2018:DPL


GG92


GG46

REFERENCES

Grier:2018:RRP


Grad:2019:DPP


Grad:2020:DPP


Glusker:2005:TCM


Giloi:1997:KZP


Gillmor:2007:SIF


Giordano:1993:ICR

Richard Giordano. Institutional change and regeneration: a biography of the Computer Science Department at the University of Manchester.

Grad:2002:SSP


Grad:2012:CHS


Griffiths:2002:UIR


Good:1996:CQD


Goetz:2002:MSPb


Goe02a

REFERENCES

González Redondo:2020:ELT


Gotkin:2014:WCW


Gottwald:2023:SHX


Goyal:1996:WCH


Graham:2002:GEI


Giacobazzi:2022:HAI


Grad:2002:PRI

Burton Grad. A personal recollection: IBM’s unbundling of software and services. *IEEE
REFERENCES


REFERENCES


D. A. Grier. The ENIAC, the verb “to program” and

Grier:1997:GBM


Grier:1998:MTP


Grier:1999:ES


Grier:2000:ACC


Grier:2000:TP


Grier:2001:A


Grier:2001:RFC

David Alan Grier. The rise and fall of the Committee on Mathematical Tables and Other Aids to Computation.


REFERENCES


Grier:2004:EDc


Grier:2004:LE


Grier:2005:EDb


Grier:2005:EDc


Grier:2005:EDd


REFERENCES


REFERENCES


Gray:2004:SRF

Gray:2007:ACS

Gray:2009:ABB

Guice:1999:JAE

Gupta:2007:CSC

Gurer:1996:WCE

Haigh:2001:CPT
REFERENCES

Haigh:2002:SCS

Haigh:2003:BBM

Haigh:2003:BOR

Haigh:2003:B

Haigh:2003:BAS


Haigh:2009:HDG


Haigh:2010:CAW


Haigh:2010:JRR


Haigh:2011:CWB


Haigh:2018:THB


Hall:1992:CQD


Hall:2000:FPD


Halsted:2018:OAM

[Hal18] David Halsted. The origins of the architectural metaphor in
REFERENCES


REFERENCES


REFERENCES


Heide:2014:EDb


Hemmendinger:2014:CAC


Hemmendinger:2014:MES


Hemmendinger:2016:TEI


Hemmendinger:2019:NPP


Hemmendinger:2020:ED


Hemmendinger:2021:ED


Hemmendinger:2022:EDa


Hemmendinger:2022:EDb

David Hemmendinger. From the Editor’s desk. *IEEE Annals
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Haigh:2018:CP


Haigh:2014:ABE


Haigh:2014:EXM


Haigh:2014:RSP


Haderle:2013:HGI


Hepler-Smith:2014:SP


Hsu:2020:OHA


Hsu:2023:OHR


Henin:2012:OID

REFERENCES


Husk:1997:SDF


Hayakawa:2023:MHI


Hume:1994:DSS


Humphrey:2002:SUP


Hunt:2012:UGC


Huskey:1997:SSW

REFERENCES

Henry:2004:SVD


Haigh:2003:B


Hocquet:2017:OIW


Hyman:1992:CQD


Ibbett:1999:UMM


Ichikawa:2006:SFS


Impagliazzo:1999:HCC

J. Impagliazzo, M. Campbell-Kelly, G. Davies, and J. A. N.


Eike Jessen, Dieter Michel, Hans-Juergen Siegert, and Heinz Voigt. The AEG-Telefunken TR 440 computer:
REFERENCES


**Jessen:2010:STD**


**Johansson:1996:EAC**


**Johnson:1998:VHS**


**Johnson:2002:CSI**


**Johnson:2006:CGU**

<table>
<thead>
<tr>
<th>Authors</th>
<th>Title</th>
<th>URL</th>
</tr>
</thead>
</table>
REFERENCES


Keet:2004:PRS


Keet:2005:PRS


Kelkar:2022:BAL


Kennedy:2022:RPM


Kita:2007:ESd


Kahrs:2021:CTC


Kahrs:2021:TCP

September 2021. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic). See correction [KH21a].


REFERENCES


Kidwell:1995:R


Kidwell:1996:BAR


Kidwell:1996:CWM


Kidwell:1996:CPR


Kidwell:1996:ER


Kidwell:1996:ISV


Kidwell:1996:TCU

Peggy Kidwell. The trouble with computers: Usefulness, usability and produc-
REFERENCES


REFERENCES

182


REFERENCES


Kidwell:2000:MMP


Kidwell:2000:NIM


Kidwell:2000:NBH


Kidwell:2000:PLL


Kidwell:2000:STC


Kidwell:2000:SNC


Kidwell:2000:WYN


REFERENCES

Kidwell:2019:RGS


Kidwell:2023:PCP


Kirsch:1998:SSI


Kistermann:1992:CQDb


Kistermann:1992:CQDa

REFERENCES


Kistermann:1995:WFA

Kistermann:1999:LWP

Kistermann:1999:WCA

Kistermann:2001:CHU

Kistermann:2005:HPC
Friedrich W. Kistermann. Hollerith punched card system development (1905–1913).
REFERENCES


Kita:2006:ESc

Kita:2006:ESd

Kita:2007:ESa

Kita:2008:ESc

Kita:2009:ESa

Kita:2009:ESb

Kita:2009:ESc

Kita:2009:ESd
1058-6180 (print), 1934-1547 (electronic).

**Kita:2010:ESa**

**Kita:2010:ESb**

**Kita:2010:ESc**

**Kita:2010:ESd**

**Kita:2011:ESa**

**Kita:2011:ESb**

**Kita:2011:ESc**

**Kita:2011:ESd**

**Kita:2012:ESa**
Kita:2012:ESb


Kita:2012:ESO


Kita:2013:ESa


Kita:2013:ESb


Kita:2013:ESc


Kita:2013:ESd


Kita:2014:ESa


Kita:2014:ESb


Kita:2014:ESc


Kita:2014:ESd

Kita:2015:ESa

Kita:2016:ESa

Kita:2015:ESb

Kita:2016:ESb

Kita:2015:ESc

Kita:2016:ESc

Kunze:2022:HFL
References

192

6180 (print), 1934-1547 (electronic).

Koanantakool:2009:CTL


Klimenko:1999:CSR


Kline:2011:CAS


Kluver:1999:RIC


Kita:2008:ESa


Kneuper:2017:SYS


Kneese:2021:RYC

Koss:2003:PBP


Koss:2003:PUW


Koss:2007:CRH


Kra22


Krull:1994:OCG


Kru07


Kru09

REFERENCES

IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).


REFERENCES


Lee:1993:BWM


Lee:1994:A1a


Lee:1994:A1b


Lee:1995:AIa


Lee:1995:A1b


Lee:1995:JPE


Lee:1995:JVA


Lee:1995:BKH

REFERENCES


REFERENCES


Lee:2001:BOJa


Lee:2002:B


Leimbach:2008:SSE


Leimbach:2017:PCS


Lenat:2022:CMR


Levy:2005:HTT


Lewendal:2014:MCT

B. Lewendal. My corner of the time-sharing innovation world.
REFERENCES


[LH95]

Lewis:2016:PTC


[Lew16]

Lewis:2017:PPR


[Lew17]

Lee:1992:PM


[LFS+92]

Lee:1995:YAB


[LH95]

Lee:2003:BPB


[LH03]

Light:2003:BIT


[Lig03]

Lin:2016:DEF

Ling-Fei Lin. Design engineering or factory capability? Building laptop contract manufacturing in Taiwan. IEEE An-


REFERENCES

Longo:2008:MCD


Lorenzen:2019:VS


Lowood:2009:VCS


Lee:1992:PMI


Laws:2012:MMD


Lee:2000:RSG


Larsson:2008:VSC


Lukasik:2011:WAW

Lundh:2018:SNC


Lussier:2021:PPC


Marcus:1996:EAE


MacKenzie:1995:APH


Machover:1998:IAV


Macduff:2003:HLC


Maguire:2009:ASA

REFERENCES


Magoun:2020:ROI


Mahoney:2004:FHS


Mahoney:2008:WMH


Mailland:2016:OAM


Makhoul:2006:SPB


Malone:2002:IIR


Marcum:2002:ALC

REFERENCES

IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

Marchant:2010:DHY


Marchant:2010:DHS


Martin:2012:TFA


Mazor:2007:ICC


Mazor:2008:FSC


Mazor:2010:I


Montfort:2009:RRD


McCallum:2002:MKL

McCorduck:2022:SLE

McDonald:2010:AFE

McDonald:2010:TPL

McGee:2009:IMS
William C. McGee. The Information Management System (IMS) program product.


McGee:2012:SFI

McGovern:2021:RBS

McJones:2017:SOF
McJones:2017:LP


McJones:2020:ADT


McKenney:1995:DCM


McKenzie:2022:ICI


McKelvey:2022:WNM


McKenzie:2022:DCW


McPherson:1995:NWM


McQuillan:2009:BLS


REFERENCES

Medina:2005:CMC

Medina:2008:BBB

Mendelsohn:2013:OS

Merrin:2006:SPS

Meyers:1999:IFE

McKenney:1993:MEB

Merchant:2022:ID
Mahoney:2011:HC


Miller:2006:GSE


Mills:2011:HAH


Mink:2007:DCS


Mink:2007:FCS


Mirowski:2017:ECO


Misa:1999:SKS


REFERENCES

Mollick:2006:EML


Molina:2014:TRC


Mooers:2001:CPN


Moore:2003:CPC


Morris:1984:PDD


Morris:2003:BRR


Mori:2019:CA

REFERENCES

Mori:2020:OES


MacKenzie:1997:MTT


Milivojevic:2012:HCC


Magnuson:2022:CLS


McJones:2023:HCT


Mazor:2009:DM


Marcus:2006:TNH


Mullin:2003:DCT

Sherman N. Mullin. Into digital computing through the back door. *IEEE Annals
REFERENCES


Nebeker:1998:EID


Needham:1992:LDC


Nelsen:2017:RCP


Nel:2022:WPW


Neukom:2004:EUC


Neukom:2005:EFS


Neukom:2006:SLE

Neukom:2009:UCA

Nies:2009:CST

Nikivincze:2017:ALG

Nikivincze:2017:DUP

Nisbet:2023:ECN

Nunemacher:1998:SPC

Nyman:2016:NHF

Nandasara:2009:ALP
REFERENCES

7, January/March 2009. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).


REFERENCES

Norton:2023:RTD


Nyce:1996:GEI


Notarnicola:2020:VCF


Nyitray:2011:WAH


Ortiz-Arroyo:2010:TPD


November:2011:EBC


November:2016:AYD


Oberquelle:2008:BSC

REFERENCES


REFERENCES


REFERENCES


Outterson:2003:OEL


Outterson:2003:OEL

[Page:2008:ETF]

Page:2008:ETF


Paju:2008:NPI

Paju:2008:NPI


Parker:2007:DSC

Parker:2007:DSC


Partridge:2008:TDI

Partridge:2008:TDI


Owens:1996:WWG


Pugh:1996:CCI


REFERENCES


REFERENCES

Petersson:2005:FBB

Petrick:2017:IPC

Petrick:2020:HHC

Plasek:2016:CRW

Pennino:2012:RRP
REFERENCES

tober/December 2012. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

Prieto-Nanez:2016:PHC


Policriti:2023:OMD


Polachek:1995:HJM


Polachek:1997:BEW


Polachek:2003:BOH


Postley:1998:MIE


Post:2000:MTB

References

Posner:2022:SOD

Pow:2019:SM

Priestley:2021:RHI

PPM+23

Pfau:2023:KRE
REFERENCES


Piel:2023:PAI


Puchta:1996:RMM


Pugh:2002:OSB


Rojas:2004:RPJ

REFERENCES


REFERENCES

Rayward:2002:HCA


RevoredoMenezesdeCarvalho:2015:DIB


Randell:2023:CAF


Rojas:2005:RKZ


Reitwiesner:1997:FOS

Reitman:2008:OWS


Reid:2023:CNI


Reid:2023:MSC


Reid-Green:2002:TEA


Riordan:2000:EFV


Rosin:1992:CI


Roberts:1993:CQD

REFERENCES


**Robertson:2005:Ab**


**Robertson:2005:Ac**


**Robelen:2016:IAP**


**Robertson:2019:BHS**


**Roegel:2008:EKD**


**Roegel:2009:APF**


**Roegel:2012:LPR**


**Roegel:2015:MCA**


**Roegel:2016:BTS**

REFERENCES

IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

Roegel:2016:MCA

Roegel:2017:CSB

Rohl:1999:IPL

Rojas:1998:HMZ

Rojas:2003:Ra

Rojas:2003:Rb


REFERENCES


Rubinstein:2006:RRF


Runge:2008:GTE


Russell:2006:RCR


Russell:2012:SNC


Russell:2013:BCD


Russell:2013:RFB


Russell:2013:RFW

REFERENCES


REFERENCES

1058-6180 (print), 1934-1547 (electronic).


[Sch08] Corinna Schlombs. Engineering international expansion: IBM and Remington Rand in European computer markets. *IEEE
Schlombs:2017:IFA


Schmitt:2023:SAS


Stierhoff:1998:HIS


Seidel:1995:CBI


Seidel:1996:GEI


Seidel:1997:KME


Seidel:2000:FCE

REFERENCES

Seitz:2003:TGL


Scull:2019:KAT


Seybold:2018:MAA


Seybold:2018:RCP


Seybold:2019:SPS


Seybold:2018:MAA


Seybold:2018:RCP


Seybold:2018:RCP


Shelburne:2012:ED


Shi19


Shoup:2001:SEF


Shustek:2006:WSW


Siddiqui:2020:BRM


Siegert:2010:GTC


Simon:1998:AN

REFERENCES


REFERENCES


Smith:1978:BRA


Smi1999:DED


Smi1999:TPH


Smi1999:TPR


Andrew Smith. The industrial organization of Hong Kong’s

**Southwick:2019:HNC**


**Speiser:1998:IRL**


**Spicer:2003:TDT**


**Spicer:2005:IRP**


**Spinellis:2008:AMC**


**Spicer:2014:IDE**


**Spicer:2015:FCT**

Spicer:2016:FCT


Spicer:2016:RTEa


Spicer:2016:RTEb


Spicer:2017:CH


Spicer:2018:OHD


Spicer:2021:CHM


Spicer:2023:CHM


Spicer:2023:ILC


Spring:2016:RCC

Sproull:2018:PCG


Sproull:2018:XAP


Saarikoski:2009:CHG


Smith:2022:EAA


Stachniak:2003:MMM

REFERENCES


Stachniak:2007:ISP


Stachniak:2007:ISP

Stachniak:2010:MMM


Stachniak:2010:MMM

Stachniak:2013:CNM


Stachniak:2013:CNM

Stachniak:2014:ECE


Stachniak:2014:ECE

Stachniak:2015:RCS


Stachniak:2015:RCS

Stachniak:2017:MPS


Stachniak:2017:MPS

Stachniak:2019:SRB


Stachniak:2019:SRB

Stachniak:2020:LP


Stachniak:2020:LP
Stark:2020:HCC


Stepulevage:2003:CBO


Sterling:2006:PRL


Stevens:2009:HDD


Stevens:2022:BMB


Stolyarov:1999:CBC


Subramanian:2012:MTF


Subramanian:2013:SRH

REFERENCES

78–85, January/March 2013. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

Subramanian:2014:TPN


Subramanian:2020:HCC


Subramanian:2023:EDa


Subramanian:2023:EDb


Sumner:2007:WMP


Supnik:2015:SS


Stout:1995:PWF


Smillie:1996:HCS


Szabo:2018:HAB


Szabo:2018:WAE


Szentgyorgyi:1999:SHC


Takahashi:1996:DHJ


Takahashi:2005:RFP


Tatarchenko:2010:CWO


Tatnall:2013:AEC

Tesler:2018:HME


Thakor:2017:HLA


Tinn:2010:CWP


Tinn:2011:DCI


Turkel:2014:GDH


Todd:1993:CQD


Toland:2021:CCT


Tomayko:1992:Aa

REFERENCES


Tomayko:1992:Ab


Tomayko:1992:Ac


Tomayko:1993:Aa


Tomayko:1993:Ab


Tomayko:1993:Ac


Tomayko:1994:A


Tomayko:1995:Ab


Tomayko:1995:Aa

Tomayko:1995:Ac


Tomayko:1996:CVH


Tomayko:1999:A


Tomayko:2000:Aa


Tomayko:2000:IRD


Tomayko:2000:Ab


Toole:1996:ABL


Toomey:2010:FEU

REFERENCES

82, July/September 2010. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).


[Twe93] Geoffrey Tweedale. A Manchester computer pioneer: Ferranti in retrospect. IEEE An-
REFERENCES

Tatarchenko:2021:RLCa


Tatarchenko:2021:RLCb


Tymas:1996:DAB


Tymas:1999:PLS


Telksnys:1999:CL


Usselman:1996:FCC

REFERENCES


REFERENCES


REFERENCES


Wade:2012:CSS


Wallace:2000:IIB


Walden:2011:IWH


Walden:2012:PJD


Walden:2018:ICB


Walden:2019:AAM


Walden:2020:ILB


Walden:2021:NE


Warner:2015:NEC

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Weischedel:2006:NLU


Weizenbaum:2008:SPI


Westergard:2017:DCF


Weiss:1992:CQD


Weiss:2007:R


Warnock:2019:FGA


Walden:2017:DPP


Wheeler:1992:EPS

Wheeler:1992:AE


Walden:2014:AIP


Wiehle:2010:ECC


Wilkes:1992:E


Williams:1992:BJC


Williams:1993:AI


Williams:1993:OUF

Michael R. Williams. The origins, uses, and fate of
REFERENCES


[Williams:1994:AI]

[Williams:1994:UFU]

[Williams:1996:AI]

[Williams:1996:NE]

[Wilkes:1997:AE]

[Williams:1997:AI]

[Williams:1998:ASH]


REFERENCES


REFERENCES

Winkler:2003:BRK


Wirth:2008:BHS


Williams:2005:RR


Walden:2005:CBB


Walden:2006:CBB


Wohl:2006:HWP


REFERENCES


**Wyvill:1998:ECG**


**Yamada:2018:ICI**


**Yamada:2019:NCC**


**Yamada:2019:PRC**


**Yates:1997:EIB**


**Yoo:2005:HCC**


**Yost:2001:CTF**

[Jeffrey R. Yost. CBI/Tomash Fellowship: Sponsoring a generation of scholars in the his-
REFERENCES


CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

Yost:2010:EDa


Yost:2010:EDb


Yost:2010:EDc


Yost:2010:EDd


Yost:2011:EDa


Yost:2011:EDb


Yost:2011:EDc


Yost:2011:EDd


Yost:2013:AIB

REFERENCES

6180 (print), 1934-1547 (electronic).

[102x594]Yost:2013:CIP


[102x490]Yost:2015:CSG


[102x324]Yost:2015:OEH


[102x156]Yost:2016:CSP


[102x236]Yost:2021:CBI


[102x326]Yost:2022:NSN


[102x180]Yost:2023:CAD

REFERENCES

72–76, April/June 2023. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

Yamada:2012:ES


Zoppke:2006:VLE


Zhao:2023:TDH


Zwerman:1999:POH