A Bibliography of Publications in *IEEE Annals of the History of Computing*

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: http://www.math.utah.edu/~beebe/  
10 February 2018  
Version 1.79

**Title word cross-reference**

$14.95$ [Smi03].  $24.95$ [Ber03d].  $44.95$ [Mor03].  $8.50$ [Smi78].  $95.00$ [Win03].  $\pi$ [RG02, She12].

- [Fit03c].

. [Ber03d].


1 $[Cor15c, GR02, Ich06, Kap07, Kos03b, RAG^{+}04, Sac07, Spi15a]$. 1-2-3 $[Kap07, Sac07]$. 1-4033-1517-5 $[Smi03]$.  

Lev05, Mak06, PB06, Sch06a, Swe05, Wei06].
BC [Ash76]. Be [Ano16i, Ano17k, Gal04].
beaten [Joh99]. Beatrice [Cam03b].
Beauchamp [Win03]. Beautiful [CCK00].
Became [Kat10, Pau14]. Beckmann [OB08].
Before [AC16, Fra04, Ger04, GS03, Lig03, Pol16a, RAG+04, Tak96].
began [Joh98]. Beginning [BGM02, Car15, Dar12, FBK06, Kid00d].
Beginnings [Cro93, LML92, Mur09, Neb98].
Behavioral [Swe05]. Behind [Cam03a].
Belarus [Sto99]. Bell [RAG+04, Irv01, Spi15b].
Bells [OK07]. Benchmark [Kap07]. Benson [Dia16].
bent [Cos96]. Beranek [RAG+04, Irv01, Spi15b].
Berkeley [Lon04, Yat97]. Bernard [Hai03c, Ake08, Hai04b].
Bernie [Hai04b, Ano01b]. Berry [BS96]. BESK [Pet05].
Best [Fev13, Ano17o, Ano17p]. Bets [HPR14a]. Better [Ano17v, Ano17w, Ano17x].
Between [Gre05, RAG+04, SR14, VHCSCC15, DeN15a, De95, Yat97, Ger04].
Bibliographic [Ano97b]. Bibliography [Ano92e].
Big [Ano16m, Joh99, Med08]. Bill [Eck07b].
Biographies [Ada05, Ada06, AD07, And09, Ano92c, Ano97c, Ano98a, Ber06c, DH08, For07, HW03, Hai03a, Hai03c, Hai03b, Hai04b, Hai04c, Hai04a, Hai05a, Hai05b, Hai05c, LB06, Lee99a, Lee00b, Lee01b, Lee01d, Lee01c, Lee01a, Lee02, LH03, Pol03, RAG+04, Van09, Wei92e, Wei92b, Wei92c, Wei92d, Wei93a, Wei93b, Wei93c, Wei94b, Wei94c, Wei94d, Wei94e, Wei95c, Wei95a, Wei95b, Wei96a, Wei92b].
Birthday [Lee93d]. Bitnet [GC00]. Black [Cou95]. Blackett [And07b]. Blaise [Kis98].
Blanch [Gri97]. Bletchley [Ano97e, Wei94a, LH95, ORB+92, Sal05].
Blomkamp [RCP+13]. Blue [Joh99, Med08]. Board [Ano09c, Ano09d, Ano15e, Ano15f, Ano15d].
Boat [Ges07a]. Body [Ano97d].
Boehm Bähringen [Gan04a, Gan04b, Roj04a, End04]. Bolt [WN05, WN06]. Bombes [EMW02, LBA00].
Bone [Roe17]. Bonner [Moo03]. Book [Ake00, Ano97b, Ano97e, Ano97d, Ano97f, Bal76, Bar03, BS11, Ber03d, Bro77, CK97, Cer03, Dra76a, EA17, Fie03, Ger04, Gui99, Kid99a, Lee97, Lee99b, Mis99, Mor03, Nas75, Nor77, Ole77, Pos00, Rio00, Roj04a, Roj04b, Rus16d, Rus17, Sei03, Smi99a, Smi02, Smi03, Smi78, Smi99b, Spi03, Tym99, Wal00, Wei94a, Wil00a, Wil01a, Win03, Rus15c, Rus16a, Lip15]. Books [Smi03, Ano14e, Rus13b, Rus14b, Rus14a, Rus15d].
Branch [Cor17]. Brazil [RC15, da 15a]. Breaking [GM96, LH95]. Bresenham [KG02]. Brief [DAGVR+15, Tak96, Tri01,Wir08, Kid00h].
Bureaucrat [Hey08a, Hey08b]. Burroughs [Bra13, GS03, GS07, GS09, Kos03a, Mar12, Yos13a]. Bush [Ano00b, Kid96f, OK07, Puc96, Rio00].
Business [Cor06a, Cor07, Gra13, Kid99e,
Busman [Ges06a].

C [Kit03, Yat97].

Cable [Lig03].

Calculating [GHV05, Jon04].

Calculations [Swe98, vdE92, Pol94].

Calculators [Ano92d, Fla98, Pre96, RP12, San13, Swa95a, Swa95b, Swa95c].

California [CK12].

Call [Ano15b, Ano15c, Ano16h, Ano17d].

Caller [Ano16a].

Calvin [Wei95c, Wil01b].

Cambridge [Ben93a, CK92b, CK92c, CK98, Cro92, Ges07b, Nee92, PHL92].

came [Gal04].

Campbell [RAG*04].

Campbell-Kelly [RAG*04].

Campuses [Ran14].

Canadian [Var94].

Capability [Lin16].

Capitalism [Sch17].

Card [Kis92b, Kis05, vdE94, Hei97, Kis97].

Cards [Wil02].

Career [Ano01b, Ano16j, Ano17b, Ano17c].

Carl [Bar97, Ber06c].

Carlo [HPR14a].

Carries [Roe17].

Carrying [Cor13].

Carteron [MK10].

Cash-Dispensing [BLR11].

Cashless [Sim16b].

Cashes [Tur11].

Caught [De 95, BW00, Wil00b].

CBI [Ano02e, BK01, Yos01].

CDC [Kos07, Neu09].

Celebrating [Goy96].

Celebrating [War96].

Celebrities [Gri11a].

Census [LM94, Kis97].

Center [Ano16i, Ano17k, Gri07a, Kid00a, Fei10, Min07b, ORB*92].

Centers [Wil02].

Central [vdE94].

Century [Ano00b, MPDT12, Mar10a, Rio00, Cro03a, Cro03b].

Century-long [Mar10a].

CEO [Moo92].

Ceruzzi [RCP*13].

Challenge [Lee97].

Challenges [Del08].

Chalmers [Joh96].

Champion [Nik17a].

Change [BLH12, Gio93, Sei97, Var94].

Changed [Hic10, Mis07c, Pat14].

Changing [Nor96, Rus13c, Vog17, Owe96].

Chaotic [Abb10].

Chapter [CK92a].

Character [Par16a].

Characteristics [Wie10].

Charles [Ano00b, Ano17a, CK92d, Eck07b, Ano99a, Asp07, Bro98, CK94, CK00, CK01a, CK01b, Dod00, GG92, Gri10, Hai11, Mis07a, Nor01, Sei95, Swa05a, Wil00a, Wil98b].

Chemists [HW17].

Cheque [De 95].

Chicago [Kid01d].

Chief [And07b, Ano14h].

Child [Tha17].

Children [Ran14].

Chile [AG12, Med08].

Chinese [Ano92d, JB07].

Chip [Maz07].

CHM [Sp17].

Choose [Ano16j].

Christine [Ber03d].

Chromium [Hai01].

Chromium-Plated [Hai01].

chronology [Cor98, Sto99].

Cinco [Nie09].

Circuits [Gre13].

Circulation [Ake04].

Claims [Lee92e, Wei96b].

Clamor [Day16].

Clarke [Lee01d].

Class [Wil01a].

Classification [Tha17, Kid00j].

Classrooms [Ran14].

Clearing [De 95].

Clement [Rob93, Wil92b].

Clever [Hai98].

Clipping [Lee98a].

Clone [Sta15].

Clothes [Hic10].

Cloud [Ano14g].

Club [Pet17].

Coast [ERS03].

Coaxial [Roe17].

Code [HPR14b, Par16a, Rus06].

Codebreaker [And07a].

Codebreakers [Wei94a].

codebreaking [Sim01a].

Codes [GM96, LH95].

Codevelopment [DF16].

coevolution [Bar03].

Cogwheel [Ano00b, Wil00a].

Cold [Don10, Tat10, Tin10].


collaboration
[Est00]. Collect [Shu06]. Collected [Kid96b]. Collecting [GJ12]. Collection [Wil01a]. Collective [Med05]. Collector [Bro99a]. Colorant [Hem14a]. Colossus [Ano97e, Cop04a, Lav06, Sal05]. Column [Sei95]. Com [Fei11]. Combining [Ekl94]. Comes [Day16, Sub14]. COMIC [Hem14a]. Coming [Joh06]. Command [Asp99]. Comments [Ben93a, Ben93b, Ber92, Buc95a, Buc95b, BS96, Car92, Dum94, Ekl92, GM96, Gro92, Gro93, Hal92, Hym92, Jac93, Kis92b, Kis92a, Rob93, Ros92, Sha00, Tod03, Tro93, Tro95, WF92, Wil00b]. Commercial [Cor96, Dow09, Sta14, Cor97]. Commercialization [BH09]. Committee [CCK00, Gri01b]. Commodore [Rus13c]. common [McK95]. Communication [Bar07, Kid99e]. Communications [Ekl94]. Communities [Ran14]. Community [DGG +08, Est00, Nor96]. Companies [Hai05b, Mor03]. Company [JMSV10, Joh02, Law10, RAG +04, Klu99]. Comparative [CK97]. Comparison [Bab97]. Compatibility [Sum07]. Compatible [Tak05, Lee92f]. competence [CMM95]. Competing [Abb03]. competition [CMM95]. competitive [Asp00]. Compiler [End13, McJ17a]. Compiling [Hol94, Wad12]. Complete [Ano00a, Smi01a]. Complex [Dow09, Low09, Nik17b]. compromise [Uss96]. Computation [Den15b, EF11, Ens13, Gro93, RG02, Sei00, Gri01b, Pol95, Wil94b]. Computational [HW17, SK11]. Computer [Alo04, And09, Ano92d, Ano00b, Ano09e, Ano15m, Ano16h, Ano16i, Ano16g, Ano16j, Ano17n, Ano171, Ano17m, Ano17k, Ash76, Asp01a, Bal76, Bar07, BLH12, Ban07, BS11, Ber14, Bow99b, Bro77, BH95, CK97, CKGS08, Cam03b, Car15, CK08, Cop11a, Cop11b, Cor01b, Cou95, Cro93, Dav17, Don10, Dra76a, DF16, ERS03, EF11, Ens01, Est00, Est02, FBK06, Fra13, Ges07a, Gil07, GH93, GG46, Gri03a, Gri11a, Grub05, Gup07, Hai0a, Hem14a, Hem16, Hey08a, Hey08b, How99, Hum94, Hun12, Ich06, Jac16, Jes13, JMSV10, JMV10, Jor09, Kid97a, Kid99e, Kli99, Kru94, Lap11, LS08, Lav93, Lee97, LS00, Lon08, Low09, Maz08, McG12, Med05, Mir17, Mis16, Mol14, Moo01, Nas75, Neu05, Nor77, NK98, Nyl11, ORB +92, OB08, Ole77]. Computer [OARHC10, Par07, Pet05, Pet94, Pet17, PA96, Ran04, Ran94, Ray02, RR04, Roe04b, Roe07, SS09, Sch08, Sie10, Sta15, Smi78, Spi08, Sta13, Sta15, Ste03, SW95, Sub12, Tak96, Tat13, Twe93, Van10b, Ver11, War15, Was13, Wei96b, Wie10, Wil01b, Wil03, WD98, Wyv98, Yos13a, Yos13b, Yos15a, Yos15b, Yos16a, ZR06, da 15b, de 74, 75, Aga01, Ake00, Ano99b, Bro99a, Bro99b, Cer97, Cor96, Cro00b, DF +99, Eck98, Est96, Fal98, Gas99, Gre95, Kut97, Kid98, Kid99c, Kid00c, Kid00e, KS97, Kit08b, Khu99, Lan00, Lee95f, MP79, Mar10b, Mar10a, Old95, Per99, dSDJdSP74, Roj98, Smi00, Tom00b, Wil00a, Wil92b, Wil98, Yat97, ERS03, Goo93, GG96, GR02, Hus97, Kid99d, Min07a, Min07b, WH17, Wok95, Smi02]. Computer-Aided [ORB +92]. Computer-Assisted [BH95]. Computer-Based [Ste03]. Computer-Generated [Fra13]. Computerization [Lap11, Paj08, Joh99, Nor98]. Computerized [Cor96, SRG02]. Computerizing [VHCSCC15]. Computers [Asp13, Ayl10a, Ber06a, Cas06, Cly93, Cor08a, Ens07, Fel11, Gal11, Got14, GS01, GS04, GS09, Irv01, KKW09, Lon04, M003, Neu04, Nov16, ORB +92, Pro99, Roj04b, Smi04, Sto99, Swe05, TZ99, Tin11, Tom96, VN11, Van95, Was13, Wes17, Coh98, Cor98, DMPS99, GS98, Gri96, Hal00, Har99, Joh96, Kid96g, Puc96, Sei00, WD98, GS03, OB08]. Computing [Abb03, Ake04, Alb10, Alo07, Alp15, AG12, And07a, And07b, Asp93a,
[Ano17a, Ano14k]. CTSS
[Lee92f, RL92, Van12]. Culture
[Alb14, Asp15, Ber05, MK14]. Cunningham
[Ano11f]. Current [Gos07, Goy96].
Curriculum [Gup07, ICKDL99]. Curtain
[Cam03a, Lew16]. Cybernetic [Aum11].
Cybernetics [Kli11, Ger04, RAG + 04].
Cybersecurity [Ano14f, Ano15n, Ano15o, DF16].
Cyberspace [Cer03, Fid17, Kru07].
Cyberwar [Hun12]. Cycle [Kne17].
Czechoslovakia [Dur14]. Czechoslovakian
[Dur10, Kis99a].

D [Ano17i, Ash76, Kis95]. Dahlgren
[Lee00c]. Dam [Mac98]. Dana [Nik17b].
Dark [Par07]. DARPA [Nor96]. Dartmouth
[Kli11]. Darwin [Kid99b].
Data [Ack15, Ano16m, Bac09, Hai09, HP96,
Kid06d, Kos07, PB06, WP94, Wor95, Bir00,
Kis99a]. Data-Flow [WP94]. Date
[Bac09]. Database [BH09, GB09, Gra12, Gra13, Gri12, Hai11,
Kru09, WC12]. Datacom [Ste09].
Datacom/DB [Ste09]. Datamation
[Cer02, Hea04]. DATAR [Var94]. Date
[Gil07]. David [Kid97a, RAG + 04, Smi99a].
Dawn [RC15, Smi16a]. day
[Neb98, Alo04, Hus97]. Days [Ber05, Bul15,
Cor15b, Hen04, Kee04, Kee05, Gri94].
DB2 [Boh13, HS13]. DBMS [Bac09].
De-Programming [Hic13]. Dealer
[Was13]. Death [Lip15]. Debate
[Ben93a, Ben93b, Ber92, Buc95a, Buc95b,
BS96, Car92, Dum94, Ek92, GM96, Gro92,
Gro93, Hal92, Hym92, Jac93, Kis92b, Kis92a,
Rob93, Ros92, Tod93, Tro93, Tro95, WF92].
Debated [Day16]. Debates
[Lon08, Sha00, Wil00b]. Deborahah [Sp14].
Debugging [CK92a]. decline [CCK00].
Decode [EF11]. Decoding
[Mar10b, Mar10a]. Defining
[Hey08a, Hey08b]. DEHOMAG [Kis95].
Delay [Ben93b, Hal92, Kis92a, WF92].
Demise [Gra07]. Democracy
[FHD17, da 15a]. Democratic [Cor12].
Demographics [Cor01b]. Demos [Was13].
Denning [Wal12]. department
[Lee95f, Gno93, LS00, Min07a].
Departments [Kid99e, MS09]. Derek
[Bal76, Bro77, Dra76a, Mor84, Nas75, Ole77,
Smi78, Nor77]. Desch [Jac93, LBA00].
Description [Lav06]. Describe [Ano15].
Design [And09, DeN15a, Fre07, Lin16,
Ste03, HTAY97, Roh99, ORB + 92]. Desk
[Ano04c, Ber01c, Ber02a, Ber02b, Ber02c,
Ber03c, Ber03e, Ens15a, Ens15b, Ens16a,
Ens16b, Ens17d, Ens17a, Ens17b, Ens17c,
Gri04b, Gri04c, Gri04d, Gri05a, Gri05b,
Gri05c, Gri05d, Gri06d, Gri06a, Gri06b,
Gri06c, Gri07b, Gri07c, Gri07d, Hei12a,
Hei12b, Hei13a, Hei13b, Hei13c, Hei13d,
Hei14a, Hei14b, Hic12a, Hic12b, WE14,
Yos08a, Yos08b, Yos08c, Yos08d, Yos09d,
Yos09a, Yos09b, Yos09c, Yos10a, Yos10b,
Yos10c, Yos10d, Yos11a, Yos11b, Yos11c,
Yos11d, Mal02]. Desktop [WH17]. Desolla
[Mor84]. Details [Roe16b]. Detection
[ES05, Yos16b]. Determination [She12].
Determine [Smi99a]. Developing
[Fit03b, Mck95, Min07a, OARHC10, Sac07,
Van10b, Bar97]. Development
[BLR11, Boh13, BH95, Con15, ERS03,
EM94, FM93, Gan04b, Has16, Hum94,
JMV10, Jor09, Kis05, Kne17, LR12, Lon08,
Maz07, McDo10a, MB09, Par15, Par08, Sat11,
Sie10, Spr16, CMM95, DFM + 99, O’N95].
Developments
[End13, Gup07, Nee92, Ano99b, Fal98].
Device [Dra76b]. Devices [Bri17]. Dial
[Lat13]. Diana [Cor03]. Did
[Cor04, FAP + 03]. Difference
[BS96, Sha97, Rob05b, Roe99, Swo05a].
differential [Hai03a]. Diffusion [RCP + 13].
Digital [Ano13e, Bor88, Bul15, Coh15,
Col14, ES05, Inv01, Mor03, Mul03, Roe17,
RCP + 13, San11, Smi01b, Smi16a, Sub13,
TMS14, Bro99b, HH99, Cor96, Eck98, Gr96,
Pre12, Roe15, Spi16a, Spi16b, Spi16c, WN05, WN06, Yos16a, Cor15c, Goe02b, GR02, Roe16b, Spi15a. Participants [Ano92c]. Participation [Rus13c]. Partisans [Coo02]. Pascal [Kis98]. Past [Ber14, Bur05, Cor09, Gra03, Nan09]. patent [McT98]. Patents [Con15]. Path [Lei17]. Patrick [And07b]. Patterns [Cor08b]. Paul [RCP+13, Tym99]. PC [CG06, CG07, Mer06, Sta07, Sum07]. Peering [Lew16]. Peggy [Ano00b]. 370 [Wad12]. Data [HVB04]. DB [Ste09]. DS [HN13]. From [Ber01c, Ber02a, Ber03c]. Tomash [Yos01]. Videotex [Ste06]. Penetration [Hun12]. Pennsylvania [Win96]. People [Cro93, Ens04b, Kid15]. RAG+04, Smi04, Cor98]. perseverance [RAG+04]. perfection [CK01a]. perpetual [Goy96]. Persecution [LM94]. Personal [Ber06a, Cam03a, End13, Gal11, Gra02a, Hoa03, Hum02, Jac16, Kat10, Kee04, Kee05, OARHC10, Pet17, Phi12, Roj04a, Sta17, Bar03, Bir00, Hai03a, Kli99, Log98, Mey99, Sha00]. Perspective [Asp92a, Asp92b, Asp92c, Asp93b, Asp93c, Asp93d, Asp93e, CK12, Hoa03, Hum02, Nor01, Spi08, Joh99]. Perspectives [Ano09e, CKGS08, Kid96c, NM09]. Persuasion [Jac16]. Peter [Wal12]. Phenomenon [And07b, Cro03]. Phil [Owe96]. Philadelphia [Hea01b]. Philico [Kos03a, Ros04]. Philips [Pee09]. Phonetic [Hen05]. Photolithographic [Lat13]. Physicist [And07b]. picture [PM12]. Pictures [RCP+13]. Piece [CK02a, Cor01a, Cor09, Dic13, DA14, Edw01, Gri00b, Lap09]. Pillars [CK02b]. pilot [Ano99c]. pilot-induced [Ano99c]. Pinkerton [Ano98a]. Pioneer [And07a, And09, Cam03b, CD14, CH15, Goe02b, Goe02a, Hai08, Hai10b, Hai11, Nik17b, Nyl11, SL12, SK11, Spi15a,Spi16a, Spi16b, Spi16c, Sub13, Twe93, WH17, Yos13b, Cro00b, Kis99a, Hus97]. Pioneering [Bir00, CK08, Ste06, SW95, Hai100]. Pioneers [RAG+04, Kid00d]. Pit [Med08]. Pittsburgh [Asp99, Gos08]. PKI [Par15]. Plain [Lap09]. Plains [Ges09a]. Planar [LR12]. Plankalkül [Gil97]. Planned [GH93]. Planning [Gri11b]. Plans [Bro00, Will00c]. Plated [Hai01]. platform [Bis98]. Platforms [Sum07]. Play [Rus16d]. Plug [Tak05]. Plug-Compatible [Tak05]. Plus [Est02]. Pocket [RP12]. Point [Cor15a]. Policy [Bak17, Lon08, Sub14, Van10b, War15, Kid00f]. Political [Ich06, McD10b, Wei08, Joh09]. Politics [Don10, Tin10]. Pollak [Kis99a]. Pong [Low09]. Poor [Kid00i]. portrait [Cro00b, Spi03]. Portrayals [Vog17]. possible [Cor97]. Postal [De 95]. Postcolonial [PN16]. Postel [Ano99d]. Postwar [CK08, CO12, Sch17]. Potential [Nel17]. Power [Coh15, Ens04b, Lew17, Sta08]. pp [Smi78, Ano07e, Mor03, RCP+13, Smi03, Win03]. pp. [Cor03, RCP+13]. Practical [Kid15]. Practice [Ayl10b]. Practices [Cor07, Cor08b]. Precision [WD98]. preconditions [Cor97]. Present [Nan09, Neb98]. Preserve [Shn06]. Preserving [Cor09, Gra03]. President [Ber09]. Presper [Eck96, Lee95c]. Press [Ber03d, Mor03, RAG+04, RCP+13, Win03]. Price [Bro77, Nor77, Mni78, Asl76, Bal76, Dra76a, Mor84, Nas75, Ole77]. Primes [Bul15]. Principal [Kid97b]. Printed [Kid15]. Private [Hym92]. Privatizing [Abb10]. Prize [Ano98b]. Problem [Fri94, Nel17, Wu15, Fit02b]. Problems [HS14]. Process [Ayl10a, SW95, Woh06]. Process-Control [Ayl10a]. Processing [Ber06a, Ber06b, CG06, ES05, Hai06, Mak06, NM09, Sin09, Yos01, Bir00, Kir98, Kis99a, Tat10]. produced [RCP+13]. Product [Boh13, Gan04b, Hai02, Hen05, McG09, Ano02e, Pos98]. Production
[Aum11, Car15, Cro92, Gia93, Gup07, JB07, Lon08, Min07a, Min07b, NK98, SW96, Smi78, Spi08, Asp99, DFM+99, Est96, Kat97, Kl99, Pro99, Sei03, Ral04]. Sciences [RR04, Swe05].

Scientist [Nyi11]. Scientists [AW94, DGG08, Gro93, SW96, Smi78, Spi08, Asp99, DFM+99, Est96, Kat97, Kli99, Pro99, Sei03, Ral04].

Scope [Hei11]. Scott [PM12]. Screen [CHGW17]. Scripts [Sin90]. Scrutinizers [Kas90].

Scientist [Nyi11]. Scientists [AW94, LH95].

Scope [Hei11]. Scott [PM12]. Screen [CHGW17]. Scripts [Sin90]. Scrutinizers [Kas90].

Scientist [Nyi11]. Scientists [AW94, LH95].

Scope [Hei11]. Scott [PM12]. Screen [CHGW17]. Scripts [Sin90]. Scrutinizers [Kas90].

Scientist [Nyi11]. Scientists [AW94, LH95].

Scope [Hei11]. Scott [PM12]. Screen [CHGW17]. Scripts [Sin90]. Scrutinizers [Kas90].
solving [Mar10b]. Some [Ber03e, OK07].
Sonic [RAG+04]. Sorting [Kid00j]. Source
[Ens04a]. Sources [Nei17, Wil98a, Van95].
Soviet
[Ber03f, CG94, FBK06, Ich06, Lew16, Sta15].
Sovietization
[Ber03f, CG94, FBK06, Ich06, Lew16, Sta15].
Space
[Dow04, Low09, Ano99e, Gas99]. Special
[Ber94]. Specialized
[OB08]. Spectrum
[CK14]. Speech
[Mak06]. Speed
[EM94, WD98]. Sperry
[GS98, GS01, GS04, GS07]. Spitting
[Vog17]. Splitting
[Sha97]. Sponsoring
[Yos01]. Spread
[Cor08b]. Spreadsheet
[CK07b, Kap07]. Spreadsheets
[CG07]. SQL
[Cha12, Deu13, HN13, Wad12]. SQL/
DS
[HN13]. square
[RG02]. square-root
[RG02]. SRI
[Par07]. St.
[Kid00a]. stages
[Uss96]. Stalking
[Kid98]. stand
[Bis98]. stand-alone
[Bis98]. Standard
[Deu13]. Standardization
[Mis99]. Standards
[McD10a, Par16b, Rus06, Rus12b, Sum07, Gur96, Hus97, Kir98]. Stanford
[Bra13, Gil07]. Stanley
[BH09]. Starr
[Sub13]. Stars
[Ano14f, Ano14g, Ano15n, Ano15o, Ano15p, Ano16m]. Start
[Ano09c, GJ02, Mor03, Gri98, Kir98]. Startup
[Ano15p]. State
[Cla10, McQ09, Har99]. States
[Rus13a, Cor97, Jes13, Mir17, Tro93, Tro95].
Stating
[McG12]. Statistical
[Nik17b, Smi12]. Statistics
[Alo07, vdE94]. Stay
[Ano15j]. steel
[Van95]. Step
[CVRM15]. stepped
[Kis99b]. Sterling
[Bau06]. Steve
[Gri14]. Still
[Ben93b].
Stockholm
[Ges12b]. Storage
[Hai09, Kat10]. Store
[Bac09]. Stored
[HPR14c, Rop07, Cer97]. Stored-Program
[HPR14c, Rop07]. Stories
[Cor14, Kid99e, Ste03, Lee99b]. Stork
[Kid97a]. Story
[Cer14, Dia16, Fel11]. Head91b, Kid99e, Lei08, Men13, Pre12, Sup15, Wei94a, Lee95e, McK95, Smi01a]. Strategies
[Ano15v]. Strategy
[JMSV10, Lew17]. Strela
[Ich06]. Strela-1
[Ich06]. Stretch
[Bro10]. Stretching
[Bro10]. Stripped
[Roe17]. Structure
[CK97, Est02, JMV10, Roe15]. Structures
[BS11]. Struggle
[GS07, Smi99a]. Student
[Ano17n, Cam13, Mil06]. Student-Oriented
[Cam13]. Studies
[Kli11, Mis99, Est96]. Studio
[OB08]. Study
[BB02, CK97, Hol94, Par07, Lan00, Lee96]. Studying
[Cor07, Cor15c, Cor16]. Style
[AD14]. Styles
[Alb14]. subcommittee
[McK95]. Subject
[Ano13a, Ano00a]. Success
[Ich06]. Supercomputer
[Lew17]. Supercomputers
[EM94]. superconductive
[Ber03f]. SuperPaint
[Sho01]. Superscratcher
[CF92]. Supply
[Kit99e]. Support
[Cla10]. Surveillance
[DeN15a]. Survey
[Geo08, Eck98]. Survive
[GS07]. Susanne
[Mis99]. Svein
[Hol96]. SWAC
[Cor08a, HTAY97, Hus97]. Sweden
[Ges12b, Joh96, LS08, Pet05]. Swedish
[Joh96, Joh99]. Swiss
[Kit00k, Neu04, Neu05]. Switches
[Pau14]. switching
[Gre95]. Switzerland
[Bru17]. Sybase
[Eps13]. Sydis
[HVB04]. Symantec
[AC16]. Symbol
[Maz08]. synthesis
[Sht97]. Synthesizers
[Col14]. System
[BH95, Dor94, Day01, FM93, GRI12, GKO2, Has16, Hem14b, Kat10, Kis05, MF93, Nie09, Run08, Sho01, Gas99, Rei97, Bru09, EK94, Kru09, Lee97, McC09, Wad12]. System/
370
[Wad12]. Systems
[Ayi10b, Bar05, BH09, Bru09, Coh15, GB09, Gra12, Gra13, Hum94, Kos07, Nik17b, Peo09, Smi1b, SD98, WC12, Whe92a, Wie10, Wil03, Yos16b, Aro10, Eck98, Hei97, KS97].
Table
[Ano13i, Ano14j, Ano14k, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano16n, Ano16o, Ano17-27, Ano17-28, Ano17-29, Ano17-30, Pol97]. Tables
[CCK00, Fei11, GRI97, GRI98, GRI01b, Pol95, Roe12]. Tabulating
[Cro03b]. Tabulation
[LM94]. Tabulator
[Hai01, Kis95]. Taiwan


REFERENCES

Woman [Kos03b, Vog17]. Women [Abb03, BF96, Est96, Goy96, Gur96, Hic10, Rus13c, Vog17, Fri96]. Womersley [CD14].

Word [Alo04, Ber06a, Ber06b, CG06, Eki92, Hai96, Wil98b]. Words [Woh06]. WordStar [Rub06]. Work [Ake08, Asp01b, Chi14, Ste03, SW95, Gif98, Kis97, RAG+04].

Worked [Cor17]. Workers [Kid99e, Wes17]. Working [Hea03, Roe16b]. works [Kid96b].

World [Ano97f, Ano00b, Ano15v, Cor08b, Kid99e, Lew14, Wil01a, Ake00, Fie03, Mar10b, Mis07c, Car92, Lon08, Smi01a]. Worlds [Fev13].

Worsley [Cam03b]. WP [Woh06]. Write [Dic13]. Writing [Pla16].

xxiv [Win03].

Y2k [Kid00]. Yasuo [CO12]. Year [Abb10].

[AL12, AG12, BS11, Cer01, ES05, GM96, Gra12, Kne17, LH95, Med08, Spe98, WC12, WN05, WN06, Woe95, Wei00]. York [Smi78, Ges99b, Ges10b]. Young [Lee99b]. Yours [Kid01d]. Youth [Gri10].

Z1 [Roj97], Z3 [Roj97, Roj98, RDG05]. Zambia [Mac03]. Zurich [Spe98]. Zuse [Gil97, Roj97, Roj98, RDG05, Wei96c].

Zygmont [RAG+04].

References


Abbate:2003:GEI

Abbate:2010:PIC

Aspray:2016:BIW

Abbate:2017:R


REFERENCES


REFERENCES

Aloisio:2004:CED

[And07b]

Aloisio:2007:CMS

Alper:2015:AAA

Anderson:2007:MNT

Anderson:2007:PBP

Aldrich:2002:R

Aloisio:2004:CED

Albers:2014:ACP

Aldrich:2002:R

Aloisio:2007:CMS

Alper:2015:AAA

Anderson:2007:MNT

Anderson:2007:PBP
REFERENCES


[Ano92c] Anonymous. Biographies of participants and authors.


**Anonymous:1994:I**


**Anonymous:1995:R**


**Anonymous:1997:A**


**Anonymous:1997:BGH**


**Anonymous:1997:B**


**Anonymous:1997:SBE**


**Anonymous:1997:CBP**

REFERENCES

Anonymous:1997:WLM


Anonymous:1998:BJM


Anonymous:1998:LOW


Anonymous:1998:OMR


Anonymous:1999:CMO


Anonymous:1999:HCD


Anonymous:1999:JLO

Anon


Anon
ymous:1999:OPI


Anon
ymous:1999:RJL


Anon
ymous:2000:AIC


Anon
ymous:2000:RPA


Anon
ymous:2001:AI


Anon
ymous:2001:CIB

REFERENCES


Anonymous:2001:ES


Anonymous:2002:AI


Anonymous:2002:A


Anonymous:2002:ESa


Anonymous:2002:ESb


Anonymous:2002:ESW


REFERENCES

Anonymous: 2007: AII


Anonymous: 2008: Ra


Anonymous: 2008: Rb


Anonymous: 2009: A1a


Anonymous: 2009: A1b


Anonymous: 2004: R


Anonymous: 2005: AIV


Anonymous: 2006: IAH

Anonymous:2009:EB


Anonymous:2009:EEB


Anonymous:2009:GEI


Anonymous:2009:Ra


Anonymous:2009:Rb


Anonymous:2010:A


Anonymous:2010:R


Anonymous:2011:A1


Anonymous:2011:Ra


Anonymous:2011:Rb

REFERENCES

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

Anonymous:2011:Rc


Anonymous:2011:Rd


Anonymous:2011:WC


Anonymous:2012:AVI


Anonymous:2012:IFC


Anonymous:2013:AAS


Anonymous:2013:CNH


Anonymous:2013:DMH


Anonymous:2013:FC


Anonymous:2013:M

REFERENCES

**Anonymous:2014:RSM**


**Anonymous:2014:SEC**


**Anonymous:2014:TCa**


**Anonymous:2014:TC**


**Anonymous:2014:TCL**


**Anonymous:2015:RMD**


**Anonymous:2015:CPHa**


**Anonymous:2015:CPHb**


**Anonymous:2015:EB**

REFERENCES

Anonymous:2015:EBHa

Anonymous:2015:EBHb

Anonymous:2015:FYJ

Anonymous:2015:FCa

Anonymous:2015:FCb

Anonymous:2015:FCc

Anonymous:2015:FCd

Anonymous:2015:GRY

Anonymous:2015:ICS
Anonymous:2015:SRS


Anonymous:2015:TCC


Anonymous:2015:TCb


Anonymous:2015:TCa


Anonymous:2015:SCH


Anonymous:2015:RSCb


Anonymous:2015:RSCa


Anonymous:2015:TCa


Anonymous:2015:TCC


Anonymous:2015:SRS


REFERENCES


Anonymous:2017:ICC


Anonymous:2017:AYCa


Anonymous:2017:AYCb


Anonymous:2017:CNE


Anonymous:2017:FYJb


Anonymous:2017:FYJa


Anonymous:2017:FCa


Anonymous:2017:FCb

REFERENCES


Anonymous:2017:Ma


Anonymous:2017:Mc


Anonymous:2017:Md


Anonymous:2017:MHA


Anonymous:2017:NMO


Anonymous:2017:NMOa


Anonymous:2017:NMOb


Anonymous:2017:NSS

[Ano17y] Anonymous. Nominations are solicited for the Seymour Cray, Sidney Fernbach, & Ken


REFERENCES


REFERENCES


Aspray:2007:LCH


Aspray:2013:CIE


Aspray:2014:MSM


Aspray:2015:ISD


Aumann:2011:DUS


Aspray:1994:AAS


Aspray:2011:NVN

REFERENCES


[Barn97] S. B. Barnes. Douglas Carl Engelbart: developing the under-


REFERENCES


REFERENCES


**Bennett:2013:OMK**


**Berg:1992:CQD**


**Bergin:1994:SIP**


**Bergin:2000:AI**


**Bergin:2001:A1a**


**Bergin:2001:A1b**


**Bergin:2001:AIE**

REFERENCES


REFERENCES


**Bergin:2003:EDS**


**Berkovich:2003:ARS**


**Beranek:2005:BED**


**Bergin:2006:OWP**


**Bergin:2006:PCW**


**Bergin:2006:BCH**


**Bergin:2009:JSP**

REFERENCES


Bernardo Batiz-Lazo and Thomas Haigh. Engineering change: The appropriation of computer

**Batiz-Lazo:2011:DCD**


**Bohl:2013:PMD**


**Borg:2008:FDR**


**Boszormenyi:2008:GEI**


**Bowker:1994:Ha**


**Bowker:1994:Hb**


**Bowker:1995:H**


**Bowker:1996:Ha**


REFERENCES

**Bromley:1986:NAM**


**Bromley:1998:CBA**


**Brownet:1999:ISM**


**Brown:1999:FTF**


**Bromley:2000:BAE**


**Brooks:2010:SIG**


**Brueck:2009:SMS**

REFERENCES


REFERENCES

a3056.pdf; http://www.
computer.org/annals/an2002/a3056abs.htm.


[Cam13] Scott Campbell. ‘Wat For Ever’ student-oriented computing at the University of Water-
REFERENCES

Carter:1992:CQD


Carlson:1993:TIT


Carnota:2015:BCS


Castleman:2006:MAC


Croarken:2000:BNR


Carpenter:2014:JWA

REFERENCES


[Cer92a] Paul Ceruzzi. Reviews. *IEEE
REFERENCES


Ceruzzi:1992:Rc


Ceruzzi:1992:Rd


Ceruzzi:1993:R


Ceruzzi:1997:CDA


Ceruzzi:2001:VYH


Ceruzzi:2002:DAS


[CG06] Paul E. Ceruzzi and Burton Grad. Guest Editors’ introduction: PC software—word processing for everyone.


REFERENCES


<table>
<thead>
<tr>
<th>References</th>
<th>Page</th>
</tr>
</thead>
</table>
Campbell-Kelly:2007:HHS


Campbell-Kelly:2007:NCP


Choi:2008:HWP


Campbell-Kelly:2012:RIN


Campbell-Kelly:2013:RMM


Campbell-Kelly:2014:KSH


Campbell-Kelly:2008:EPH


Clark:2010:SSE

REFERENCES

Clymer:1993:MAC


Copeland:1995:SDI


Choi:2012:FLT


Coh98


Coh15


Collopy:2014:VSA


ConDiaz:2015:ESP


ConDiaz:2017:R


Coopersmith:2002:MP


Copeland:2004:UA


Copeland:2004:COO


Copeland:2011:MCRa


Copeland:2011:MCRb


Cortada:1996:CAD

REFERENCES

Cortada:1997:EPM


Cortada:1998:TCC


Cortada:2001:TP


Cortada:2001:UTD


Cortada:2002:RHS


Cortada:2004:HDC

Cortada:2006:EIB


Cortada:2006:LTT


Cortada:2007:SRI


Corry:2008:FMS


Cortada:2008:PPH


Cortada:2009:TPP


Cortada:2012:ITG


Cortada:2013:XCB

James W. Cortada. “Carring a Bag”: Memoirs of


REFERENCES


Couleur:1995:CBC


Cowlishaw:1994:EHR


Croarken:1992:ECS


Croarken:1993:BMC


Croarken:2004:ES

REFERENCES


REFERENCES


**Durnova:2014:TPW**  

**Domínguez-Nava:2015:BHC**  

**Darwen:2012:RMB**  

**Davies:2017:ECP**  

**Day:2016:COI**  

**deSollaPrice:1959:AGC**  

**deSollaPrice:1974:GGAa**  
Derek de Solla Price. Gears from the Greeks. The Antikythera mechanism: a calendar computer from ca. 80
REFERENCES


[DeWit1995:CBH]

[Delv2008:TML]

[Denning2001:OVM]

[DeN15a]

[Dennis2015:MLC]

[Deu13]

[DuPont2016:ECC]
Quinn DuPont and Bradley Fidler. Edge cryptography and the codevelopment of com-


REFERENCES

(Dodge:2000:CBE)

(Dow04)

(Dow09)

(Donig:2010:AAT)

(Doy01)

(Dor94)
REFERENCES

Drachmann:1976:BRB


Drake:1976:GFM


Price:1974:GGAb


Dumey:1994:CQD

[Dum94] Arnold I. Dumey. Comments, queries, and debate:


Durnova:2010:SCC


Durnova:2014:EAE


Elzway:2017:BR


REFERENCES


[Ens04a] Nathan Ensmenger. Open source’s lessons for historians. *IEEE Annals of the His-


Ensmenger:2017:EDa

Ensmenger:2017:EDb

Ensmenger:2017:EUD

Ensmenger:2017:ED

Epstein:2013:HS

Eckdahl:2003:WCC

Estrada:2005:YAS
Richard F. Estrada and Edward A. Starr. 50 years of acoustic signal processing for detection: Coping with the digital revolution. IEEE An-
REFERENCES


Estrin:1996:WSC


Estrin:2000:CNB


Estrin:2002:RCO


Fallon:1998:ECG


Fitzpatrick:2003:AHD

REFERENCES


<table>
<thead>
<tr>
<th>Year</th>
<th>Author</th>
<th>Title</th>
<th>Journal Details</th>
<th>URL</th>
</tr>
</thead>
</table>

Fidler:2017:EOE


Field:2003:NWB


Fitzpatrick:2002:Ab


Fitzpatrick:2002:AWI


Fitzpatrick:2003:Aa


Fitzpatrick:2003:ADT

REFERENCES


REFERENCES


REFERENCES

Ganzhorn:2004:IBL


Gass:1999:PMM


Grad:2009:GEI


Gobbo:2013:AMC


Hass:2000:SHB


Geoghegan:2008:HCI


Gerovitch:2004:BHM


REFERENCES

computer.org/annals/an1993/a1011abs.htm.


[GK02] Josée-Marie Griffiths and Donald W. King. US information retrieval system evolution and evaluation. *IEEE An-
REFERENCES

Good:1996:CQD

[Got14]

Gotkin:2014:WCW

[Got96]

Goyal:1996:WCH

[GR02]

Graham:2002:GEI
REFERENCES


S. M. Greenstein. Lock-in and the costs of switching mainframe computer ven-


REFERENCES


Grier:2003:GMT


Grier:2004:EDa


Grier:2004:EDb


Grier:2004:EDc


Grier:2004:LE

REFERENCES


REFERENCES


REFERENCES

Grier:2012:RDC


Grier:2013:IEF


Grier:2014:SFI


Grosch:1992:CQD


Grosch:1993:CQD


Gru05


Gray:1998:SRT


Gray:2001:SRT

REFERENCES


Gurer:1996:WCE


Haigh:2001:CPT


Haigh:2002:SCS


Haigh:2003:BBM


Haigh:2003:BOB


[Haigh:2006:ROF]


[Haigh:2008:CMM]


[Haigh:2009:HDG]


[Haigh:2010:CAW]


[Haigh:2010:JRR]


[Haigh:2011:CWB]


[Hall:1992:CQD]


REFERENCES


REFERENCES


[Hem16] David Hemmendinger. Two early interactive computer network experiments. *IEEE An-
REFERENCES

Hensch:2005:IHFa


Henin:2010:TEI


Heyck:2008:DCHa


Heyck:2009:R


Hicks:2008:RTH


Hicks:2010:OCC


Hicks:2013:BHC

Marie Hicks. De-brogramming the history of computing.
REFERENCES


[Hiede:2012:EDa]


[Hiede:2012:EDb]


[Hensch:2005:IHFb]


[Harris:2013:SDI]


[Hoare:2003:APP]
REFERENCES


[HPR14c] Thomas Haigh, Mark Priestley, and Crispin Rope. Re-


REFERENCES


REFERENCES


Ichikawa:2006:SFS


Impagliazzo:1999:HCC


Irvine:2001:EDC


Jacki:1993:CQD


Jack:2016:MPP


Jiuchun:2007:FCA


Jesiek:2007:PBH

REFERENCES


[Jesiek:2013:OEH]


[JMSV10]


[Jessen:2010:ATT]


[JMV10]


[Jessen:2010:STD]


[Johansson:1996:EAC]


[Johnson:1998:VHS]


[Johansson:1999:BBG]
REFERENCES


**Katz:1997:HCC**


**Kee04**


**Kee05**


**Kita:2007:ESd**


**Kita:2008:ESb**

Chigusa Kita, Thomas Haigh, Dag Spicer, Akihiko Yamada,

**Kidwell:1993:Ra**


**Kidwell:1993:Rb**


**Kidwell:1993:Rc**


**Kidwell:1994:Ra**


**Kidwell:1994:Rb**


**Kidwell:1994:Rc**


**Kidwell:1994:Rd**

REFERENCES


Kidwell:1997:RDG

Kidwell:1997:RNB

Kidwell:1998:SEC

Kidwell:1999:DAM

Kidwell:1999:EME

Kidwell:1999:JMH

Kidwell:1999:BRM
REFERENCES


Kidwell:2000:MMP


Kidwell:2000:NIM


Kidwell:2000:NBH


Kidwell:2000:PLL


Kidwell:2000:STC


Kidwell:2000:SNC


Kidwell:2000:WYN


Kidwell:2001:R


Kidwell:2001:Ra


Kidwell:2001:Rb


Kidwell:2001:YIA


Kidwell:2002:R


Kidwell:2015:UIP


Kirsch:1998:SSI


Kirstein:1999:EEA

REFERENCES


REFERENCES


[Kita:2005:ESc] Chigusa Kita. Events and


Kita:2014:ESc


Kita:2014:ESa


Kita:2014:ESb


Kita:2014:ESd


Kita:2015:ESa


Kita:2015:ESb


Kita:2015:ESc


Kita:2015:ESd


Kita:2016:ESa


Kneuper:2017:SYS


Koss:2003:PBP


Koss:2003:PUW


Koss:2007:CRH


Krull:1994:OCG


Krueger:2007:MCI


Kruntorad:2009:HCI

REFERENCES


King:1997:FHH


Kita:2007:ESb


Kita:2007:ESe


Kita:2007:ESc


Land:2000:FBC


Laprise:2009:TPP


Laprise:2011:KCN


REFERENCES

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


REFERENCES

Lee:1993:A1a

Lee:1993:A1b

Lee:1993:A1c

Lee:1993:BWM

Lee:1994:A1a

Lee:1994:A1b

Lee:1995:A1a

Lee:1995:A1b
REFERENCES


REFERENCES


REFERENCES


Levy:2005:HTT

Lewendal:2014:MCT

Lewis:2016:PTC

Lewis:2017:PPR

Lee:1992:PM

Lee:1995:YAB

Lee:2003:BPB
REFERENCES

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

[Light:2003:BIT]

[Lin:2016:DEF]

[Lipner:2015:BDO]

[Luebke:1994:LVO]

[Laplante:2006:A]

[Lee:1992:B]

[Logue:1998:VTV]
REFERENCES

Longo:2004:EBC


Longo:2008:MCD


Lowood:2009:VCS


Lee:1992:PMI


Laws:2012:MMD


Lee:2000:RSG


Larsson:2008:VSC

Thomas Larsson and Ulf Stenlund. Vignettes of Sweden’s computer graphics his-
REFERENCES

Lukasik:2011:WA


Lucasik:2011:WA


Marcus:1996:EAE


Marcus:1996:EAE


Macdu:2003:HLC


Maguire:2009:ASA

Mahoney:2008:WMH


Mailland:2016:OAM


Makhoul:2006:SPB


Malone:2002:HIR


Marcum:2002:ALC


Marchant:2010:DHY

Marchant:2010:DHS


Martin:2012:TFA


Mazor:2007:ICC


Mazor:2008:FSC


McCallum:2002:MKL


McDonald:2010:AFE

REFERENCES

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

McDonald:2010:TPL

McGee:2009:IMS

McGee:2012:SFI

McJones:2017:SOF

McJ17b]

McK95]

McK11]

McPherson:1995:NWM
REFERENCES


REFERENCES


Mahoney:2011:HC


Miller:2006:GSE


Mills:2011:HAH


Minker:2007:DCS


Minker:2007:FCS


Mirowski:2017:ECO


Misa:1999:SKS

Misa:2007:ANC

Misa:2007:GEI

Misa:2007:UHC

Mittermeir:2008:SLT

Mounier-Kuhn:2010:JC

Mounier-Kuhn:2014:AFU

Mollick:2006:EML
REFERENCES

Molina:2014:TRC


Mooers:2001:CPN


Moore:2003:CPC


Morris:1984:PDD


Morris:2003:BRR


MacKenzie:1997:MTT


Milivojevic:2012:HCC

Dragan R. Milivojevic, Marijana Pavlov, Vladimir Despotovic, and Visa Tasic. Half a

**Mazor:2009:DAM**


**Marcus:2006:TNH**


**Mullin:2003:DCT**


**Murphy:2009:BT**


**Murphy:2015:TT**


**Nandasara:2009:PPE**


**Nash:1975:BRB**

REFERENCES

155


[Nies:2009:CST]


[Nik17a]


[Nik17b]


[NM09]


[Nofre:2010:UAU]

North:1977:BRD


Norberg:1996:CCC


Norberg:1998:TNU


Norberg:2001:PHC


November:2011:EBC


November:2016:AYD


Nyce:1996:GEI

Nyitray:2011:WAH


Ortiz-Arroyo:2010:TPD


Oberquelle:2008:BSC


O’Donnell:2009:PPC


Oinas-Kukkonen:2007:BES


Oldfield:1995:GEE


Oleson:1977:BRB


O’Neill:1992:Ha

REFERENCES

159


[Owe96] L. Owens. Where are we going, Phil Morse? Changing agendas and the rhetoric of obviousness in the transfor-


Parker:2007:DSC

Partridge:2008:TDI

Park:2015:SLP

Park:2016:KCC

Partridge:2016:RIS

Patrick:2006:A

Patrick:2009:IC

Patrick:2014:TC

Pau14
2014. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

**Payette:2014:HDC**


**Pickstone:1993:MH**


**Partridge:2006:DNB**


**Peeters:2009:EMS**


**Persson:20199:TAC**


**Petiot:1994:DGD**


**Petersson:2005:FBB**

REFERENCES

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

Petric:2017:IPC

Phipps:2012:EHI

Pinkerton:1992:ICM

Plasek:2016:CRW

Pennino:2012:RRP

Prieto-Nanez:2016:PHC

Polachek:1995:HJM
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Rojas:1998:HMZ


Rojas:2003:Ra


Rojas:2003:Rb


Rojas:2004:KGI


Rojas:2004:RRE


Rojas:2004:Ra


Rojas:2004:Rb

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

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

**Saunders:1993:ATB**


**Shelurne:1998:EPM**


**Schantz:2006:BNC**


**Schlombs:2006:TIC**

Corinna Schlombs. Toward international computing history.

**Schlombs:2008:EIE**


**Schlombs:2017:IFA**


**Stierhoff:1998:HIS**

REFERENCES


[She12] Brian J. Shelburne. The ENIAC’s 1949 determination of π. *IEEE Annals of the His-
REFERENCES

179


REFERENCES

[Solcov:2011:VVP]

[Sack:2012:WMP]

[Slayton:2008:RRR]

[Slayton:2015:MRC]

[Small:1993:GPE]

[Smith:1978:BRA]

[Smi99a]
K. Smilie. David Ewing Duncan, *Calendar: Humanity’s Epic Struggle to Determine a True and Accurate Year*
REFERENCES


**Smith:1999:TPH**


**Smillie:2000:MTC**


**Smillie:2001:CSC**


**Smith:2001:DPS**


**Smillie:2002:BRT**


**Smillie:2003:BRS**


**Smillie:2004:PLC**

[Smi04] Keith Smillie. People, languages, and computers: a
REFERENCES


REFERENCES

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

**Spicer:2005:IRP**


**Spinellis:2008:AMC**


**Spicer:2014:IDE**


**Spicer:2015:FCT**


**Spicer:2015:GB**


**Spicer:2016:FCT**


**Spicer:2016:RTEa**


**Spicer:2016:RTEb**


**Spicer:2017:CH**

REFERENCES


Stachniak:2014:ECE


Stachniak:2015:RCS


Stachniak:2017:MPS


Stepulevage:2003:CBO


Sterling:2006:PRL


Stevens:2009:HDD


Stolyarov:1999:CBC

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Sub13]</td>
<td>Subramanian:2013:SRH</td>
</tr>
<tr>
<td>[Sum07]</td>
<td>Sumner:2007:WMP</td>
</tr>
<tr>
<td>[Sup15]</td>
<td>Supnik:2015:SS</td>
</tr>
<tr>
<td>[Swa95a]</td>
<td>Swartzlander:1995:Ca</td>
</tr>
<tr>
<td>[SW95]</td>
<td>Swartzlander:1995:Ca</td>
</tr>
<tr>
<td>[Sum07]</td>
<td>Sumner:2007:WMP</td>
</tr>
<tr>
<td>[Swa95a]</td>
<td>Swartzlander:1995:Ca</td>
</tr>
</tbody>
</table>
REFERENCES


[Tak96] S. Takahashi. A brief history of the Japanese com-

**Takahashi:2005:RFP**


**Tatarchenko:2010:CWO**


**Tatnall:2013:AEC**


**Thakor:2017:HLA**


**Tinn:2010:CWP**


**Tinn:2011:DCI**


**Turkel:2014:GDH**

REFERENCES

75, 2014. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

**Todd:1993:CQD**


**Tomayko:1993:Aa**


**Tomayko:1993:Ab**


**Tomayko:1993:Ac**


**Tomayko:1994:A**

REFERENCES


Tomayko:1995:Ab


Tomayko:2000:Aa


Tomayko:1995:Ac


Tomayko:1996:CVH


Tomayko:1999:A


Tomayko:2000:IRD


Tomayko:2000:Ab


Tomayko:2000:Ab
REFERENCES


REFERENCES


**Tweedale:1993:MCP**


**Tympas:1996:DAB**


**Tympas:1999:PLS**


**Telksnys:1999:CL**


**Usselman:1996:FCC**


**VanDenEnde:1995:CIO**

VanDormael:2009:BHF


VanDormael:2010:HW


VanLaer:2010:DEC


VanVleck:2012:EMT


Vardalas:1994:DFT


Vehvilainen:1999:GCR

[Veh99] M. Vehvilainen. Gender and computing in retrospect: the

**Veraart:2011:LMC**


**Viales-Hurtado:2015:BMI**


**Vogel:2017:QSI**


**Wade:2012:CSS**


**Wallace:2000:IIB**

H. D. Wallace. Inventing the Internet [book review].
REFERENCES


Walden:2011:IWH


Walden:2012:PJD


Warner:2015:NEC


Wasiak:2013:CDD


Wade:2012:IRD


Wolcott:1998:IPM


Walden:2014:ED

REFERENCES


REFERENCES


Weiss:1993:BEW


Weierud:1994:RCI


Weiss:1994:Ba


Weiss:1994:Bb


Weiss:1994:Bd


Weiss:1994:Be


Weiss:1995:Ba


Weiss:1995:Bb

REFERENCES


REFERENCES


REFERENCES

Wheeler:1992:EPS

Wheeler:1992:AE

Walden:2014:AIP

Wiehle:2010:ECC

Wilkes:1992:E

Williams:1992:BJC

Williams:1993:A1
Michael R. Williams. About this issue. *IEEE Annals
REFERENCES


REFERENCES


Williams:2001:BWC


Williams:2003:SAC


Williams:2001:CMN


Williams:2002:UPC


Wilkes:2006:WRE


Winegrad:1996:CBM

REFERENCES


REFERENCES


REFERENCES


REFERENCES


