A Bibliography of Publications of Nelson H. F. Beebe

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Abstract
This bibliography records publications of Nelson H. F. Beebe.

Title word cross-reference

#1 [68]. #2 [99, 185]. #3 [100, 187]. #4 [115, 193]. #5 [117, 196]. #6 [202]. #7 [211]. #8 [224].
10 [49]. + [101, 109]. 2 [57, 66, 59]. \( \frac{\pi}{2} \) [66]. \( \frac{\pi}{2} \) [66]. \( A_1 \Pi [101] \). \( A_1 \Pi [101] \). \( A_1 \Pi [101] \). \( A_1 \Pi [101] \). \( A_1 \Pi [101] \). \( A_1 \Pi [101] \). \( A_1 \Pi [101] \). \( A_1 \Pi [101] \). \( A_1 \Pi [101] \).
1-UT [1648]. 118 [264]. 18 [187].
2 [1648, 409, 408]. 2.0 [263]. 2.00 [216].
2.3a [231]. 2.3c [235]. 20 [134, 233, 238].
2019 [930, 1066]. 2029 [1564]. 21st [1246].
2311 [11, 26, 54].
3 [138, 139, 219, 245]. 3.0 [263]. 3100 [255].
4.4 [234].
60 [250, 249]. 64 [652].
L [171]. L-S [171]. Laboratories [922].
Laboratory [331]. Labs [928, 929, 927, 1626]. Lahey [694].
Lahey/Fujitsu [694]. Lanczos [954].
Law [995]. Icc [785]. Learned [436, 1633].
Learning [1360, 1637]. least [698].
Limited [751]. Line [47, 240, 260, 331, 50, 44, 162, 253, 752, 1411].
Linear [89, 210, 461, 459, 462, 464, 460, 620, 996, 939, 1248, 1255, 1362, 1346, 1347, 696, 817].
Lovelace [1442]. Low [66, 209, 1384].
Low-cost [209]. Low-Lying [66].
Low-Resource [1384]. Löwdin [640].
lualatex [1549]. Lucent [697]. Ludwig [1617]. Lying [66].
M [1448, 787, 861]. Mach} [435]. Machine [104, 114, 124, 143, 141, 142, 144, 145, 147, 151, 184, 227, 308, 382].
Machine-Independent [143, 141, 142, 144, 145, 151, 184, 227, 104].
Machine-transportable [114, 124].
Magma [1233]. mail [809]. Mailing [657].
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Mathematics [467, 468, 454, 506, 544, 545, 546, 547, 566, 616, 641, 688, 693, 705, 707, 708, 709, 710, 657, 733, 769, 763, 873, 897, 901, 905, 964, 966, 970, 971, 969, 968, 967, 965, 1071, 1072, 1073, 1075, 1074, 1253, 1170, 1286, 1395, 1409, 1376, 1377, 1378, 1379, 1380, 1477, 1521].
[1586, 1646, 786, 1452, 1453, 1454, 1455, 1456].
Notices [364, 584, 585, 586, 587, 615, 891].
NRCC [204]. NTM [1355]. NTS [321].
Nuclear [59, 108]. Number
[751, 1000, 1614, 1607, 1608, 1609, 1610, 1611, 1612, 1613]. Numbers
[21, 32, 49, 73, 752, 998, 1411]. numeric
[610]. Numerica [974]. Numerical
[314, 467, 481, 457, 460, 558, 602, 607, 609, 646, 678, 677, 799, 902, 906, 949, 941, 1464, 1475, 1649, 691, 696, 698, 817, 1645].
Numerische [463, 668, 667, 791, 896, 1554].
Nuncius [1130].

O [57, 6, 134]. Object [73, 116]. Octave
[817]. Office [574]. Official [1483]. Offline
[16]. Olga [1438, 1439]. Olov [640].
On-Line [331]. One [1247]. Online
[744]. only [846]. Open [82, 386, 385, 1459, 1460].
operands [611]. Operating
[403, 404, 416, 435, 679, 855]. Operations
[1483]. Operator [42]. Operators [93].
Oppenheimer [972]. Opportunities
[1246]. Optimal [1641]. Optimization
[1637, 1639, 567, 759, 772, 706, 1172, 1475].
Oracle [533]. Orbital [42, 63]. Orbitals
[38, 44, 92, 149]. Order
Oriental [722]. Origin [290, 291]. ORSA
[1443]. Orthodontia [373]. Osiris
[1301, 1301]. Other [542, 543, 1197, 1643].
Otto [1447]. Outline [143, 151, 207].
Output [13, 143, 151]. Oxford [1615].

Pack [11, 26, 43]. Package [23, 47, 70, 81, 177, 195, 208, 260, 322, 348, 520, 703, 864].
Packard [417, 49]. PACMCGIT [1628].
PACMHCI [1629]. PACMPL [1425].
[686, 687]. Paper [135, 275]. Papers
[53, 437, 405, 410, 407, 411, 412, 409, 408, 447, 448, 491, 521, 531, 541, 540, 595, 718, 715, 713, 716, 714, 742, 740, 741, 739, 749, 750, 782, 852, 948, 947, 943, 944, 945, 946, 1041, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1168, 1235, 1285].
Parallel [382, 473, 474, 478, 475, 477, 476, 480, 762, 795, 871, 872, 904, 1251].
Parameters [1, 91, 212]. Pareto [998].
PARI [824]. PARI/GP [824]. Parlett
[835]. Parsing [208, 261]. Part
[388, 389, 409, 408, 447, 448, 496, 491, 521, 531, 541, 540, 595, 715, 713, 716, 714, 742, 740, 741, 739, 749, 750, 782, 852, 992, 991].
Partition [45]. Partitioned [10, 33].
Passing [382]. Past [769]. Paths [255].
Pattern [189, 1111]. Paul [952]. Pauli
[1057]. PC [322]. pdflatex [1547]. pdfTeX
[786]. Peierls [1445]. Per-Olov [640].
Perception [841]. Performance
[246, 265, 328, 406, 360, 641, 688, 869, 1392].
Perils [1570]. Perspective [1132].
Perspectives [1242, 1333]. Perturbation
[80]. Pete [1196]. Peter [1473]. PFORT
[198]. Phillips [942]. Philosophical
[1522, 1523, 1524, 1525, 1526]. Philosophy
[916, 990, 992, 991, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1304, 1327, 1326, 1334, 1468, 1461, 1462, 1450].
Physical [913, 1333, 1391]. Physics
Physiology [442, 1638]. Physis [1308].
Picture [322]. PIP [1132]. Pitfalls [1570].
Plan [416]. Planck [1311]. Planning
[1512, 1513, 1514, 1515, 1516, 1517]. Play
[1641]. Plot
[47, 68, 74, 99, 100, 115, 117, 776]. PLOT79
[216]. Plots [50, 162]. Plotter [23].
Plotting [44, 156, 197]. Plus [334, 825].
PLUTO [156, 197]. Poisson [1210]. Point
[228, 305, 310, 1622, 346, 690, 866, 867].
Polarizabilities [113, 112, 59].
Professional [373, 634, 635, 633, 955].
Programs [14, 22, 27, 71, 103, 125, 173, 175, 176]. Project [46, 536]. Projected [63].
Proposed [1157]. Pseudo [752, 1411, 738]. Pseudo-random [752, 1411, 738].
Pseudorandom [751, 1000]. Public [237, 1089, 1090, 1091, 1092, 1093, 1573].
Publications [573, 570, 577, 592, 594, 596, 607, 614, 615,


SIGARCH [853]. SIGCSE [1065, 1067, 1068, 1069, 1070, 1066, 1564]. SIGGRAPH [391, 729, 890].


Simulation [1341, 1342, 1343, 1344, 1345, 1580, 755, 757, 1183, 1540]. Sinc [1649].


Society [566, 548, 1170, 1304, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1319, 1320, 1365, 1395, 1440, 1446, 1465, 1546, 1495, 1483, 1522, 1523, 1524, 1525, 1526].


Spectrum [1556, 1558, 1559, 1560, 1561, 1562, 1563].


SPSS [348]. SQL [728]. Square [269]. squares [698]. Standard [141, 142, 144, 145, 184, 227, 300, 361, 730, 911].


States [66, 107]. Static [105]. Statistical
Themes [1364]. Theorem [168, 169].
Theoria [1402]. Theory
[46, 80, 565, 566, 596, 662, 663, 661, 719, 721, 882, 903, 1184, 1185, 1329, 1336, 1337, 1338, 1339, 1340, 1545, 1619, 1640, 1643, 1614, 1607, 1608, 1609, 1610, 1611, 1612, 1613].
Theory/Configuration [80]. Theses
[1466, 1467, 1476, 1479, 1492, 1518, 1585, 1586, 1149]. Things [55, 1581]. Thoughts
[54]. Three [38, 36, 107, 63].
Three-Electron [38, 36, 107, 63]. THRI
[1582]. Tidskrift [558]. TIIS [989]. Time
[1480, 1487, 59, 752, 1411].
Time-Dependent [59]. Timing [162].
TIOT [1581]. Tips [298]. TIST [926].
TKDD [883]. TMACRO [215]. TMIS
[935]. TOCE [885]. ToCT [882]. Today
[386, 756]. Todd [1438]. Tomorrow [756].
TOMPECS [1392]. Toolbox [779]. Tools
[140, 204, 222, 373, 471, 634, 635, 633, 774, 907, 907]. TOPC [1251]. Topics
[146, 147, 148, 679]. TOPLAS [377]. TOPS
[1386, 238]. TOPS-20 [238]. TQC [1625].
Transactions
Transfer [774]. Transformation [80].
Transformations [119]. Transition
[52, 111, 109]. Translation [286].
transportable [114, 124]. Tree [280].
TRT2629 [17]. TSAS [1393]. TSC [1543].
TSLP [773]. TUG [254, 780, 778]. Tukey
[953]. Turing [836, 837]. Turnaround [35].
Tutorial [1110]. TWEB [884]. Two
[110, 1477, 863, 864]. Two-Electron [110].
Two-Year [1477]. Type [367].
Typesetting [415, 1149, 1547, 1549].
Typographic [399, 1624]. typography
[273, 367].
Ubiquitous [1389]. Uhlenbeck [1494].
UIBMOL [82]. UK [1615]. Ulam [861].
Uncertainty [1171]. Understanding
[392, 1155, 392]. Unicode [365]. Uniform
[240]. Universal [489, 798]. University
[1466, 1467, 1476, 1479, 1492, 1518, 1585, 1586, 1644, 233, 641, 688, 693, 705, 707, 708, 709, 710, 675, 769, 1247, 1469]. UNIX
[428, 429, 857, 229, 231, 238, 256, 324, 354, 220, 441]. Unix/Linux [857].
Unix/Linux-Tasks [857]. UnixWorld
[385]. Unrestricted [79]. Upgrade [255].
Upkeep [10]. Usage [24, 30, 808]. Use
[293]. USENIX [398, 493, 494, 743, 1085].
User [163, 194, 257, 495, 701, 495]. Users
[238, 430, 735]. Using [233, 312, 689, 707, 708, 709, 710, 880, 1400, 1648, 284]. UT
Utility [12, 4, 27, 102, 125, 191].
v5.5 [694]. Variation [42]. Variational
[1639]. Various [55]. VAX
[221, 225, 234, 216, 235]. VAXIMA} [394].
verbatim [1547]. Verdet [113, 112].
Verifier [198]. Version
[82, 173, 166, 177, 190, 192, 214, 219, 220, 221, 223, 245, 176, 205, 156, 323].
verwandte [1185]. Very [443, 619].
Vibrational [58]. Viewing [212]. Virial
[169]. Virtual [149, 382, 792, 801, 851].
[653]. Visualization [400, 490, 651, 1623].
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[216, 221, 225, 234, 225, 235]. Volumes
[563, 564, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1052, 1168, 1235, 175, 176].
References


REFERENCES

Gainesville, FL 32601, USA, August 18, 1970. 2 pp.

Beebe:1970:SDS

Beebe:1970:CCR

Beebe:1970:UPD

Beebe:1970:IDP

Beebe:1970:FNC

Beebe:1970:APH

Beebe:1970:RRR

Beebe:1970:BCF

Beebe:1970:OCD

Beebe:1970:PTQ


REFERENCES

[Beebe:1971:FHE]

[Beebe:1971:PPG]

[Beebe:1971:CUb]

[Beebe:1971:DSS]

[Beebe:1971:CJS]

[Beebe:1971:CCP]

[Beebe:1971:KDP]

[Beebe:1972:FTC]

[Beebe:1972:SDT]

[Beebe:1972:SFR]

[Beebe:1972:GSO]
REFERENCES


Oddershede:1975:SCT


Beebe:1975:ADH


Beebe:1975:BGE


Beebe:1975:PCR


Beebe:1976:MEA


Beebe:1976:CIC

REFERENCES


REFERENCES


Lake City, UT 84112, USA, July 13, 1979. 2 pp.

Beebe:1979:SR


Beebe:1979:RST


Beebe:1979:PSSa


Beebe:1979:PSSb


Beebe:1979:OMI


Beebe:1979:STWa


Beebe:1979:PSSd


Beebe:1979:STWb


Beebe:1979:STWb

REFERENCES


Beebe:1979:STWc


Beebe:1979:MVO


Harris:1979:EN


Beebe:1980:OMI


Beebe:1980:SPR


Beebe:1980:SMP


Beebe:1980:UPP


Beebe:1980:SIG


Motherwell:1980:PPP

[157] Nelson H. F. Beebe. Summary of MOLECULE program system. Tech-
REFERENCES


REFERENCES


[202] Nelson H. F. Beebe. Correction set #6 for <PLOT79> release 1.5 [18-Aug-80]. Technical report, College of Science Computer, University of Utah,
Beebe:1982:IGP


Beebe:1982:NCS


Lawson:1982:SPR


Beebe:1982:NSH


Beebe:1983:CGL


Beebe:1983:PPP


Beebe:1983:LCD


Beebe:1983:SCL


Beebe:1983:PCS


Beebe:1983:DCV


Beebe:1983:PPS

REFERENCES


REFERENCES

College of Science Computer, University of Utah, Salt Lake City, UT 84112, USA, May 14, 1985.

Beebe:1985:GPC


Beebe:1985:PSS


Beebe:1985:IFP


Beebe:1985:PUTb


Beebe:1985:IGP


Beebe:1986:PUT


Beebe:1986:TIP


Beebe:1986:ULA


Beebe:1986:ICV


Beebe:1986:PVV

REFERENCES


[246] Nelson H. F. Beebe. Funds for purchase of high-performance color graph-
ics equipment. Technical report, Center for Scientific Computing, Department of Mathematics, University of Utah, Salt Lake City, UT 84112, USA, May 9, 1989. 11 pp. This is the proposal that obtained funding for high-performance real-time graphics equipment [248].

Beebe:1989:TDD


Beebe:1989:CGE


Beebe:1989:MPR


Beebe:1989:CEM


Beebe:1989:IEG


Beebe:1989:MNP


Beebe:1989:PCP


Beebe:1990:GTP

Beebe:1990:SUP

Beebe:1990:DGE

Beebe:1990:UMG

Beebe:1990:Pa

Beebe:1990:CSE

Beebe:1990:GGL

Beebe:1990:PFF

Beebe:1990:PI

Beebe:1990:TM

Beebe:1990:BRM

Beebe:1990:HPM

Beebe:1990:Pb
REFERENCES


puting, Department of Mathematics, University of Utah, Salt Lake City, UT 84112, USA, August 17, 1991. 90 pp. URL http://www.math.utah.edu/pub/tex/bib/index-table-t.html#toms. This report is updated frequently.

Beebe:1991:LESb


Beebe:1991:LESa

[279] Nelson H. F. Beebe. $\LaTeX$ editing support. Technical report, Center for Scientific Computing, Department of Mathematics, University of Utah, Salt Lake City, UT 84112, USA, October 7, 1991. 69 pp. This is an on-line Emacs INFO version of part of [278].

Beebe:1991:BTD


Beebe:1991:BBA


Beebe:1991:BEP


Beebe:1991:BTP


Beebe:1991:BJA

Beebe:1991:BPL


Beebe:1991:CBJ


Beebe:1991:BLP


Beebe:1991:BGT


Beebe:1991:CBC


Beebe:1991:BEE


Beebe:1991:CBE

REFERENCES

Beebe:1991:BCG

Beebe:1991:BUT

Beebe:1991:BPA

Beebe:1991:BNM

Beebe:1991:MB

Beebe:1991:PIb

Beebe:1991:TIL

Beebe:1991:TEP

Beebe:1991:SFH
REFERENCES


mental class notes prepared for Mathematics 118 and 119.

---

Beebe:1992:BPS

Beebe:1992:IFPb

Beebe:1992:BNA

Beebe:1992:UMT

Beebe:1992:PC

Beebe:1992:NNQ

Beebe:1992:BCA

Beebe:1992:BAS

Beebe:1993:BTK


Beebe:1993:BPSa


Beebe:1993:BPSb


Beebe:1994:IMA


Beebe:1994:BPAAa


Beebe:1994:BPMa


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Beebe:1994:BPN


Beebe:1994:BPH


Beebe:1994:BPAb


Beebe:1994:BPAc


Beebe:1994:BPSa


Beebe:1994:BPIa


Beebe:1994:BPSa


Beebe:1994:BPIa

for Scientific Computing, Department of Mathematics, University of Utah, Salt Lake City, UT 84112, USA, August 17, 1994. 172 pp. URL http://www.math.utah.edu/pub/tex/bib/index-table-i.html#infoproc. This report is updated frequently.

**Beebe:1994:BCAb**


**Beebe:1994:BPD**


**Beebe:1994:BPIc**


**Juffa:1994:BPF**


**Beebe:1994:BPW**

REFERENCES

Beebe:1994:BPAi


Beebe:1994:BPG


Beebe:1994:CBJ


Beebe:1994:XWS


Beebe:1994:BAA


Beebe:1994:BBAb


Beebe:1994:BBAb

REFERENCES

This report is updated frequently.


REFERENCES

[Beebe:1995:BPAb]


[Beebe:1995:BPAc]


[Beebe:1995:BPBb]


[Beebe:1995:BPAe]


[Beebe:1996:BPDa]


[Beebe:1996:BPDb]


[Beebe:1996:BPIa]

math.utah.edu/pub/tex/bib/index-table-i.html#ijqc.


[382] Nelson H. F. Beebe. A bibliography of publications about PVM (Parallel Vir-
REFERENCES


[396] Nelson H. F. Beebe. A complete bibliography of Lecture Notes in Com-


REFERENCES


REFERENCES


Beebe:1996:BPLd


Beebe:1996:BPLe


Beebe:1996:BPE


Beebe:1996:BPLa


Beebe:1996:BPLa


Beebe:1996:BPLa

REFERENCES

67


Beebe:1996:BPCe


Beebe:1996:BPCf


Beebe:1996:BPCg


Beebe:1996:BPCi


Beebe:1996:BPCj


Beebe:1996:BPSb


[432] Nelson H. F. Beebe. A bibliography of publications about supercom-

Beebe:1996:BPJd


Beebe:1996:BPCc


Beebe:1996:BPAp


Beebe:1996:WLL


Beebe:1996:BPIf


Beebe:1996:BPIg


Beebe:1996:BPIi

[439] Nelson H. F. Beebe. A complete bibliography of Internet STD docu-

Beebe:1996:BPIb


Beebe:1996:BPG


Beebe:1996:BCS


Beebe:1996:BIC


Beebe:1996:BASa


Beebe:1996:BAT


Beebe:1997:BPAl

Beebe:1997:BPMa

Beebe:1997:BPSa

Beebe:1997:BPSb

Beebe:1997:BPSc

Beebe:1997:BPSd

Beebe:1997:BPLa
REFERENCES

math.utah.edu/pub/tex/bib/index-table-l.html#linala1960. This report is updated frequently.

Beebe:1997:CBP


Beebe:1997:BLP


Beebe:1997:BPLb


Beebe:1997:BPNa


Beebe:1997:BPLc


Beebe:1997:BPCa


Beebe:1997:BPCb

[466] Nelson H. F. Beebe. A bibliography of publications in *Computer Lan-

Beebe:1997:BPa


Beebe:1997:BPaC


Beebe:1997:BPaSe


Beebe:1997:BPaAd


Beebe:1997:CBJ


Beebe:1997:BPla

Beebe:1997:BPIb


Beebe:1997:BPIc


Beebe:1997:BPJa


Beebe:1997:BPPb


Beebe:1997:BPPa


Beebe:1997:BPIe


Beebe:1997:BPId

REFERENCES

84112, USA, April 26, 1997. 44 pp. URL http://www.math.utah.edu/pub/tex/bib/index-table-i.html#intjcomputinfsci. This report is updated frequently.

Beebe:1997:BPPc


Beebe:1997:BPNb


Beebe:1997:BPAe


Beebe:1997:BPSg


Beebe:1997:BPSf


Beebe:1997:BPJc


Beebe:1997:BPAf


[Beebe:1997:BPJe]


[Beebe:1997:BPMb]


[Beebe:1997:BPJe]


[Beebe:1997:BPLd]


[Beebe:1997:BPJd]


[Beebe:1997:BPLd]

REFERENCES


table-t.html#tcs1980. This report is updated frequently.

Beebe:1997:BPTc


Beebe:1997:BPTe


Beebe:1997:BPTd


Beebe:1997:BPAi


Beebe:1997:BPAj


Beebe:1997:BPAk


Beebe:1997:BPA1


REFERENCES

[Beebe:1998:BPJe]

[Beebe:1998:BPJf]

[Beebe:1998:BPJg]

[Beebe:1998:BPAa]

[Beebe:1998:BSj]

[Beebe:1998:BSi]

[Beebe:1998:LBA]
82


[527] Nelson H. F. Beebe. A bibliography of Supercomputing ’89. Techni-


Scientific Computing, Department of Mathematics, University of Utah, Salt Lake City, UT 84112, USA, August 7, 1998. 15 pp. URL http://www.math.utah.edu/pub/tex/bib/index-table-m.html#multithreading. This report is updated frequently.

Beebe:1998:BPJi


Thomas:1998:BPG


Beebe:1998:BSk


Beebe:1998:BSl


Beebe:1998:BPLd


Beebe:1998:BPLc


Beebe:1998:CBPf


Beebe:1998:CBPk


Beebe:1998:CBPg


Beebe:1998:CBPh


Beebe:1998:CBPj


Beebe:1998:CBPd


Beebe:1998:CBPf

REFERENCES

math.utah.edu/pub/tex/bib/index-table-s.html#siam.

Beebe:1998:BPAc


Beebe:1998:BPAd


Beebe:1998:BP Ae


Beebe:1998:BP Af


Beebe:1998:BPIId


Beebe:1998:CBPb


Beebe:1998:BPI a

REFERENCES


Beebe:1998:BPVb


Beebe:1998:BPT


Beebe:1998:BPJj


Beebe:1998:BPSc


Beebe:1998:BPJk


Beebe:1999:BJA


Beebe:1999:CBPa


REFERENCES

Utah, Salt Lake City, UT 84112, USA, January 28, 1999. 5 pp.
URL http://www.math.utah.edu/pub/tex/bib/index-table-c.html#
chicjtheorcomputsci.

Beebe:1999:BPCa

[578] Nelson H. F. Beebe. A bibliography of publications in Computer Sys-
tems Science and Engineering and International Journal of Computer Sys-
tems Science and Engineering. Technical report, Center for Scientific Com-
puting, Department of Mathematics, University of Utah, Salt Lake
math.utah.edu/pub/tex/bib/index-table-c.html#computsystscieng.

Beebe:1999:BPD

[579] Nelson H. F. Beebe. A bibliography of publications in Designs, Codes,
and Cryptography. Technical report, Center for Scientific Computing,
Department of Mathematics, University of Utah, Salt Lake
math.utah.edu/pub/tex/bib/index-table-d.html#designscodescryptogr.

Beebe:1999:BPH

Symbolic Computation. Technical report, Center for Scientific Com-
puting, Department of Mathematics, University of Utah, Salt Lake

Beebe:1999:BPLa

Computation. Technical report, Center for Scientific Computing, Department
of Mathematics, University of Utah, Salt Lake City, UT 84112, USA, February
12, 1999. 21 pp. URL http://www.math.utah.edu/pub/tex/bib/index-
table-l.html#lispssymbcomput.

Beebe:1999:HTL

[582] Nelson H. F. Beebe. The hash table library. Report, Center for Scien-
tific Computing, Department of Mathematics, University of Utah, Salt
Lake City, UT 84112, USA, March 12, 1999. 10 pp. URL http://
hash-1.00.tar.gz.

Beebe:1999:PL

[583] Nelson H. F. Beebe. The primes library. Report, Center for Scien-
tific Computing, Department of Mathematics, University of Utah, Salt
Lake City, UT 84112, USA, March 12, 1999. 8 pp. URL http://
primes-1.01.tar.gz.

Beebe:1999:BPAA

[584] Nelson H. F. Beebe. A bibliography of publications in ACM SIGPLAN No-
www.math.utah.edu/pub/tex/bib/
index-table-s.html#sigplan1960. This report is updated frequently.

Beebe:1999:BPAb


Beebe:1999:BPAc


Beebe:1999:BPAc


Beebe:1999:BPAc


Beebe:1999:BPAf


Beebe:1999:BPAg


Beebe:1999:BPAh


REFERENCES

Beebe:1999:BPCc

Beebe:1999:BPCf

Beebe:1999:BPCe

Beebe:1999:BNA

Beebe:1999:FAE

Beebe:1999:BPB

Beebe:2000:BPCa


REFERENCES

Beebe:2000:BPIa


Beebe:2000:BPAa


Beebe:2000:BPAb


Beebe:2000:CBPc


Beebe:2000:BISa


Beebe:2000:BISb


Beebe:2000:CBPd


Beebe:2001:BAC


Beebe:2001:BAI


Beebe:2001:CBPa


Beebe:2001:CBPb


Beebe:2001:BPVa


Beebe:2001:SBP


Beebe:2001:CBPb
REFERENCES


Department of Mathematics, University of Utah, Salt Lake City, UT 84112, USA, April 4, 2001. 54 pp. URL http://www.math.utah.edu/pub/tex/bib/index-table-e.html#stoc1980. This report is updated frequently.

Beebe:2001:CBPf


Beebe:2001:CBPi


Beebe:2001:BPIb


Beebe:2001:BPNa


Beebe:2001:BPNb


REFERENCES


[703] Nelson H. F. Beebe. Reduce symbolic algebra package. World-Wide Web doc-
REFERENCES


Beebe:2001:SCM


Beebe:2001:SFC


Beebe:2001:UNC


Beebe:2001:UNFa


Beebe:2001:UNFb


Beebe:2001:UNFc


Beebe:2001:UNFa


Beebe:2002:HEH


Beebe:2002:CBAa


Beebe:2002:BPLc
Beebe:2002:BPLb


Beebe:2002:BPLd


Beebe:2002:CBAb


Beebe:2002:CBPb

Beebe:2002:BIJb

Beebe:2002:BIJa

Beebe:2002:BIId

Beebe:2002:BIJe

Beebe:2002:CBI

Beebe:2002:BPF

Beebe:2002:BBAa

Beebe:2002:BPAa
REFERENCES


Beebe:2002:BPAb


Beebe:2002:CBPc


Beebe:2002:BIF


Beebe:2002:BBAb


Beebe:2002:CBPe


Beebe:2002:CBPd


Beebe:2002:Ca

[737] Nelson H. F. Beebe. Computation of log1p(x) = log(1 + x). Technical re-


**Beebe:2002:CBAc**


**Beebe:2002:CBPg**


**Beebe:2002:CBL**


**Beebe:2002:BPLj**


**Beebe:2002:BPLk**


**Beebe:2002:LBP**


**Beebe:2003:PRN**

Beebe:2003:CBPa

Beebe:2003:CBAa

Beebe:2003:CABb

Beebe:2003:CBPb

Beebe:2003:CBPc

Beebe:2003:CBPd

Beebe:2003:CBPe

Beebe:2003:BSa
math.utah.edu/pub/tex/bib/index-table-s.html#supercomputing2002. This report is updated frequently.

Beebe:2003:BSb


Beebe:2003:CBPf


Beebe:2004:CBPa


Beebe:2004:CBPb


Beebe:2004:CBPc


Beebe:2004:CBPd


Beebe:2004:CBPe

REFERENCES

Beebe:2004:JPF
[768] Nelson H. F. Beebe. Java programming: Fun with Fibonacci. World-Wide Web document., March 2004. URL http://www.math.utah.edu/~beebe/software/java/fibonacci/index.html. This report summarizes the origin of the Fibonacci sequence, giving the full Latin text from the original book written in 1202 (not previously available on the Web). Computation of the Fibonacci sequence, and its term ratios, is implemented in at least 45 different programming languages. The report comments on the relative difficulty of the task in some of those languages, and on their suitability for numerical computation. It also provides a complete floating-point formatted output package for Java.

Beebe:2004:BBP

Beebe:2004:CBAb

Beebe:2004:CBPf

Beebe:2004:CBAa

Beebe:2004:CBAAb

Beebe:2004:CBIb
port, University of Utah, Department of Mathematics, Salt Lake City, UT 84112-0090, USA, November 22, 2004. 1 pp. URL http://www.math.utah.edu/pub/tex/bib/index-table-t.html#sttt. This report is updated frequently.

Beebe:2004:CBlA


Beebe:2004:MPQ


Beebe:2004:SBP


Beebe:2005:ECW


Beebe:2005:BPL


Beebe:2004:BT


Beebe:2004:TB


Beebe:2005:BPL

REFERENCES


[798] Nelson H. F. Beebe. A complete bibliography of publications in J.UCS:
REFERENCES


Beebe:2005:CBPg


Beebe:2005:CBPj


Beebe:2005:VM


Beebe:2005:AF


Beebe:2005:BJF


Beebe:2005:CFa


Beebe:2005:CFb


Beebe:2005:CFF


Beebe:2005:DAF

REFERENCES


REFERENCES

September 2005. URL http://www.math.utah.edu/faq/mp/. This report is updated frequently.

Beebe:2005:MSAa


Beebe:2005:MSAb


Beebe:2005:MSAc


Beebe:2005:MSAd


Beebe:2005:PF


Beebe:2005:PGS


Beebe:2005:PRS


Beebe:2005:RSA


Beebe:2005:SAF


Beebe:2005:SSF

REFERENCES

Beebe:2005:TMF


Beebe:2005:WAF


Beebe:2005:WNAa


Beebe:2005:WNAb


Beebe:2005:CBPk


Beebe:2005:BPAc


Beebe:2005:CBP1


Beebe:2005:BPAd


Beebe:2005:BPAe

REFERENCES

Beebe:2005:BPAf


Beebe:2005:CFD


Beebe:2005:CBAc


Beebe:2005:CBAd


Beebe:2005:CBAd


Beebe:2005:KAD

REFERENCES


Beebe:2005:DTM


Robbins:2005:CSS


Robbins:2005:ISS


Beebe:2006:CBP


Beebe:2006:BPAa


Beebe:2006:BPAb


Beebe:2006:BPL


[860] Nelson H. F. Beebe. A bibliography of publications of Nicholas Constantin Metropolis. Technical report, University of Utah, Department of Mathematics, Salt Lake City, UT 84112-
0090, USA, March 20, 2007. 34 pp. URL http://www.math.utah.edu/pub/bibnet/authors/m/.

[Beebe:2007:BPS]


[Beebe:2007:BPF]


[Ball:2007:EGR]


[Beebe:2007:AQP]


[Beebe:2007:CBP]


[Beebe:2007:ETM]


[Beebe:2007:NDF]


[Beebe:2008:B1]


[Beebe:2008:CBAa]

REFERENCES


[887] Beebe:2009:CBJ

[888] Beebe:2010:BPCa

[889] Beebe:2010:BPCb

[890] Beebe:2010:BPAAa

[891] Beebe:2010:BPABBb

[892] Beebe:2010:BPCCc


REFERENCES

131


Beebe:2010:CBPn


Beebe:2010:CBAa


Beebe:2010:BPAe


Beebe:2010:CBPo


Beebe:2010:CBPn


Beebe:2010:CBPn

REFERENCES


table-b.html#bjps. This report is updated frequently.


table-b.html#bstj1940. This report is updated frequently.

REFERENCES


REFERENCES

135


Beebe:2010:CBAc


Beebe:2010:CBBh


Beebe:2010:CBPt


Beebe:2010:BPS


Beebe:2011:CBJa


Beebe:2011:CBAa


Beebe:2011:BB


REFERENCES


Beebe:2011:SBPa


Beebe:2011:BPLc


Beebe:2011:BPLd


Beebe:2011:BPLe


Beebe:2011:BPLf


Beebe:2011:BPLb


Beebe:2011:BPLa


[Beebe:2011:BPNa]


[Beebe:2011:SBPb]


[Beebe:2011:CBPd]


[Beebe:2011:SBPc]


[Beebe:2011:BPJa]


[Beebe:2011:BPC]


[Beebe:2011:BITa]

REFERENCES


math.utah.edu/pub(tex/bib/index-

[963] Nelson H. F. Beebe. A complete bib-
liography of publications in Bulletin
canadien de mathématiques = Cana-dian Mathematical Bulletin. Technical
report, University of Utah, Depart-
ment of Mathematics, Salt Lake City,
UT 84112-0090, USA, September 09,
math.utah.edu/pub(tex/bib/index-
table-c.html#canmathbull1. This re-
port is updated frequently.

bibliography of publications in Cana-dian Journal of Mathematics = Jour-
nal canadien de mathématiques for
the decade 1950–1959. Technical re-
port, University of Utah, Depart-
ment of Mathematics, Salt Lake City,
UT 84112-0090, USA, September 11,
math.utah.edu/pub(tex/bib/index-
table-c.html#canjmath1950. This
report is updated frequently.

bibliography of publications in Cana-dian Journal of Mathematics = Jour-
nal canadien de mathématiques for
the decade 2000–2009. Technical re-
port, University of Utah, Depart-
ment of Mathematics, Salt Lake City,
UT 84112-0090, USA, September 11,
math.utah.edu/pub(tex/bib/index-
table-c.html#canjmath2000. This
report is updated frequently.

bibliography of publications in Cana-dian Journal of Mathematics = Jour-
nal canadien de mathématiques for
the decade 1990–1999. Technical re-
port, University of Utah, Depart-
ment of Mathematics, Salt Lake City,
UT 84112-0090, USA, September 11,
math.utah.edu/pub(tex/bib/index-
REFERENCES

This report is updated frequently.

Beebe:2011:CBPk


Beebe:2011:SBPd


Beebe:2011:SBPe


Beebe:2011:CBC


Beebe:2011:CBPo

REFERENCES


REFERENCES

math.utah.edu/pub/tex/bib/index-table-s.html#shps-b.

Beebe:2011:CBPac


Beebe:2011:CBPab


Beebe:2011:CBJv


Beebe:2011:CBJb


Beebe:2011:BPAb


Beebe:2011:CBPad


Beebe:2011:SCF


Beebe:2011:NBP

Benford's law. This document contains detailed slides for an undergraduate colloquium talk that has been given several times, with updates. The latest version of 27 January 2016 is 40 pages.


Beebe:2012:CBPa


Beebe:2012:CBPb


Beebe:2012:CBPc


Beebe:2012:CBPd


Beebe:2012:CBPe


Beebe:2012:CBJa


Beebe:2012:CBJc


REFERENCES


Beebe:2012:CBPh


Beebe:2012:CBPi


Beebe:2012:CBPm


Beebe:2012:CBPj


Beebe:2012:CBPk


Beebe:2012:CBPl


Beebe:2012:CBPap


Beebe:2012:CBPn

[1037] Nelson H. F. Beebe. A complete bibliography of publications in Monte Carlo
REFERENCES


Beebe:2012:CBPo


Beebe:2012:BPA


Beebe:2012:CBPp


Beebe:2012:CBRj


Beebe:2012:BPLa


Beebe:2012:CBRa


Beebe:2012:CBRb

REFERENCES

URL http://www.math.utah.edu/pub/tex/bib/index-table-r.html#revmodphys2010. This report is updated frequently.

Beebe:2012:CBRg


Beebe:2012:CBRf


Beebe:2012:CBRc


Beebe:2012:CBRd


Beebe:2012:CBRe


Beebe:2012:CBRi

REFERENCES

URL: http://www.math.utah.edu/pub/tex/bib/index-table-r.html#revmodphys1960. This report is updated frequently.

Beebe:2012:BVL


Beebe:2012:SBPa


Beebe:2012:SBPb


Beebe:2012:SBPc


Beebe:2012:SBPd


Beebe:2012:SBPe


Beebe:2012:SBPf


Beebe:2012:SBPg

[1059] Nelson H. F. Beebe. A selected bibliography of publications by, and about,

Beebe:2012:SBPh


Beebe:2012:SBPi


Beebe:2012:CBS


Beebe:2012:CBPv


Beebe:2012:BPSa

math.utah.edu/pub/tex/bib/index-table-s.html#sigcse2010. This report is updated frequently.

[Beebe:2012:CBPr]


[Beebe:2012:CBPs]


[Beebe:2012:CBPb]


[Beebe:2012:CBPu]


[Beebe:2012:CBPaf]


[Beebe:2012:CBPag]


[Beebe:2012:CBPah]

REFERENCES


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<th>Reference</th>
<th>Description</th>
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</thead>
</table>
REFERENCES


REFERENCES


[109] Nelson H. F. Beebe and David Salomon. A bibliography on data compression. Technical report, University of Utah, Department of Math-
REFERENCES

160


Beebe:2013:BIT


Beebe:2013:BPM


Beebe:2012:BPR


Beebe:2013:CBPb


Beebe:2013:CBPc


Beebe:2013:CBPd


REFERENCES


Beebe:2013:CBPv


Beebe:2013:CBPw


Beebe:2013:CBPx


Beebe:2013:CBPy


Beebe:2013:CBPz


Beebe:2013:CBPaa


Beebe:2013:CBPab


Beebe:2013:CBPac

REFERENCES


Beebe:2013:CBP


Beebe:2013:CBPae


Beebe:2013:CBW

[1149] Nelson H. F. Beebe. Typesetting and writing hints for theses and dissertations. Web site, August 23, 2013. URL http://www.math.utah.edu/pub/uthesis/writing-tips.html. Despite the title focused at an original audience, this document is of general use for technical writer, with dozens of short sections about common problems and solutions. It is updated frequently, and at the last revision of 5 October 2019, is a document of 72 pages (the count depends on browser fonts and paper size).

Beebe:2013:CBPaf


Beebe:2013:CBC


Beebe:2013:CBPab

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<tr>
<td>Beebe:2014:PCC</td>
<td>Nelson H. F. Beebe. Proposed chapter on computer arithmetic for the <em>GNU C Programming</em> book. Report, University of Utah, Department of Mathematics, Salt Lake City, UT 84112-0090, USA, February 14, 2014. 35 pp. Production of the book in which this chapter was to appear has been delayed, and is not yet in print. A revision appears in [1570].</td>
</tr>
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</table>
REFERENCES

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Beebe:2014:CBPd


Beebe:2014:CBPe


Beebe:2014:CBPf


Beebe:2014:CBPg


Beebe:2014:CBPh


Beebe:2014:CBPi


Beebe:2014:CBAa


Beebe:2014:BPLa


Beebe:2014:CBPj


Beebe:2014:CBPk


Beebe:2014:CBPm


Beebe:2014:CBPo


Beebe:2014:CBPn


Beebe:2014:CBPp


Beebe:2014:CBPq
REFERENCES


REFERENCES


Beebe:2014:CBP


Beebe:2014:CBPb


Beebe:2014:CBPc


Beebe:2014:CBPac


Beebe:2014:CBPad


Beebe:2014:CBPac


Beebe:2014:CBPaf


Beebe:2014:CBPag


Beebe:2014:CBPah


Beebe:2014:CBPai
REFERENCES

173

table-a.html#annstat1970. This report is updated frequently.


Beebe:2014:CBPaj


Beebe:2014:CBPak


Beebe:2014:CBPap


Beebe:2014:CBPan


Beebe:2014:CBPao


Beebe:2014:CBPao

REFERENCES


REFERENCES


REFERENCES

Beebe:2014:BCL

Beebe:2014:BPA

Beebe:2014:CBPbl

Beebe:2014:BPLb

Beebe:2014:CBJa

Beebe:2014:CBJb

Beebe:2014:CBJc

Beebe:2014:CBJd
[1239] Nelson H. F. Beebe. A complete bibliography of the Journal of Sta-
REFERENCES


REFERENCES

179

Beebe:2014:MDN

Nelson H. F. Beebe. Mathematics Department network: A report prepared for the University of Utah ‘One Network’ Initiative. Report, University of Utah, Department of Mathematics, Salt Lake City, UT 84112-0090, USA, September 8, 2014. 15 pp. This report contains restricted financial and network data, and is not available outside the project for which it was written.

Beebe:2014:CBEc


Beebe:2014:CBJh


Beebe:2014:CBPbm


Beebe:2014:CBAb


Horn:2014:BMA


Beebe:2014:CBPbn

REFERENCES


Beebe:2015:BPT

Beebe:2015:BPT


Beebe:2015:CBPa


Beebe:2015:CBJa


Beebe:2015:CBJa


Beebe:2015:CBJb


Beebe:2015:CBJc


Beebe:2015:CBJd

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Beebe:2015:CBPb


Beebe:2015:CBPc


Beebe:2015:CBPd


Beebe:2015:CBPc


Beebe:2015:CBPg


Beebe:2015:CBPh


Beebe:2015:CBPi


Beebe:2015:CBPi

math.utah.edu/pub/tex/bib/index-table-a.html#asta.

Beebe:2015:CBPj


Beebe:2015:CBPk


Beebe:2015:CBPl


Beebe:2015:CBPm


Beebe:2015:CBPb


Beebe:2015:CBPn


Beebe:2015:BPCa


Beebe:2015:CBPo

[1297] Nelson H. F. Beebe. A complete bibliography of publications in *ESAIM:

Beebe:2015:CBPp


Beebe:2015:SBPa


Beebe:2015:CBPq


Beebe:2015:CBPr


Beebe:2015:CBM


Beebe:2015:CBHa


Beebe:2015:CBHb

REFERENCES


REFERENCES


[Beebe:2015:CBPy]


[Beebe:2015:CBPz]


[Beebe:2015:CBPaa]


[Beebe:2015:CBPac]


[Beebe:2015:CBPad]


[Beebe:2015:CBPae]


[Beebe:2015:CBPaf]
REFERENCES

189


Beebe:2015:CBPag


Beebe:2015:CBI


Beebe:2015:CBZ


Ruhe:2015:BPA


Beebe:2015:CBI


Beebe:2015:CBZ


Beebe:2015:CBJaa


Nelson H. F. Beebe. B\textsc{ib}T\textsc{eX} FAQ. World-Wide Web frequently-asked question document., December 2015. URL http://www.math.utah.edu/faq/bibtex. This report is updated frequently.


REFERENCES


math.utah.edu/pub/tex/bib/index-table-n.html#ntm. This report is updated frequently.

Beebe:2016:CBPw


Beebe:2016:CBPx


Beebe:2016:CBPy


Beebe:2016:CBPz


Beebe:2016:CBPaa


Beebe:2016:CBPab


Beebe:2016:CBPac

REFERENCES

table-l.html#linmultalgebra.bib.
This report is updated frequently.


REFERENCES


[1376] Nelson H. F. Beebe. A complete bibliography of publications in *Computers and Mathematics with Applications*

Beebe:2017:CBPj


Beebe:2017:CBPk


Beebe:2017:CBPl


Beebe:2017:CBPm


Beebe:2017:CBPn


Beebe:2017:CBPo


[1385] Nelson H. F. Beebe. eXtended sample Bi
tiX styles. Report, University of Utah, Department of Mathematics, Salt Lake City, UT 84112-0090, USA, April 11, 2017. 25 pp. URL http://www.math.utah.edu/pub/tex/bib/x-bst/. This report has four automatically-generated versions to illustrate different document font families, and four extended bibliography styles.


199

REFERENCES

This report is updated frequently.

Beebe:2017:CBPy


Beebe:2017:CBPz


Beebe:2017:BPB


Beebe:2017:CBPaa

[1396] Nelson H. F. Beebe. A complete bibliography of publications in the *Bulletin of Mathematical Bio-
REFERENCES

200


Beebe:2017:CBPab


Beebe:2017:CBPac


Beebe:2017:CBPad


Beebe:2017:MFC


Beebe:2017:CBPae


Beebe:2017:CBPaf


Beebe:2017:CBPag

[1403] Nelson H. F. Beebe. A complete bibliography of publications by, and about, Louis de Broglie. Technical report, University of Utah, Department of Mathematics, Salt Lake City,
REFERENCES

UT 8412-0090, USA, July 29, 2017. 235 pp. URL http://www.math.utah.edu/pub/bibnet/authors/d/. This report is updated frequently.


Beebe:2017:CBPah


Beebe:2017:SBP


Beebe:2017:CBPai


Beebe:2017:CBPak


Beebe:2017:CBJ


Beebe:2017:CBPal


Beebe:2017:CBPaj

REFERENCES

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time. Web site, September 20, 2017. URL http://www.math.utah.edu/~beebe/talks/2017/pseudo-random-numbers-2017. This document is a handout for undergraduate colloquia that have been presented several times, each time with updates. The original edition was [738].

Beebe:2017:CBPam


Beebe:2017:CBPam


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Beebe:2017:CBPam


Beebe:2017:CBPaq


Beebe:2017:CBPaq


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Beebe:2018:CBPd


Beebe:2018:CBPe


Beebe:2018:CBPf


Beebe:2018:CBPg


Beebe:2018:CBPh


Beebe:2018:CBPi


Beebe:2018:CBPj


[1450] Nelson H. F. Beebe. A complete bibliography of publications in Archimedes:


USA, August 8, 2018. URL http://www.math.utah.edu/pub/bibnet/ authors/h/.


Beebe:2018:NFUa


Beebe:2018:NFUb


Beebe:2018:BPB


Beebe:2018:BIT

[1469] Nelson H. F. Beebe. A brief introduction to \TeX and \LaTeX for the University of Utah SIAM Student Chapter meeting. Web site, November 13, 2018. URL http://www.math.utah.edu/pub/tex/doc/latex-overview/. This Web site contains the notes for a two-hour workshop that I have given several times to introduce novices to computer typesetting with \TeX and \LaTeX, up to the point of writing a simple book with bibliography and index.

Beebe:2018:CBPae


Beebe:2018:CBPaf


Nelson H. F. Beebe. Notes for the Spring 2019 University of Utah styles
for Mathematics Department dissertations and theses in \LaTeX. Report, University of Utah, Department of Mathematics, Salt Lake City, UT 84112-0090, USA, March 01, 2019. 34 pp. URL http://www.math.utah.edu/pub/uumath-thesis/uumath-thesis-2019-03-01-notes.pdf. These notes accompany an extensive set of \LaTeX style files and sample Masters theses and doctoral dissertations that are intended to replace the vintage styles from the early 1990s.


REFERENCES


Beebe:2019:CBJh


Beebe:2019:CBEa


Beebe:2019:CBJi


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Beebe:2019:BAA


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Beebe:2019:CBPs


Beebe:2019:CBPt


Beebe:2019:CBPu


Beebe:2019:CBPv


Beebe:2019:CBPw


REFERENCES


[1529] Nelson H. F. Beebe. Highlights of computer arithmetic. Report, University of Utah, Department of Mathematics, Salt Lake City, UT 84112-0090, USA, September 14, 2019. 53 pp. This document supplements a book chapter on computer arithmetic, and is updated occasionally; the edition of 4 November 2019 has 69 pages. It is part of a set of handouts for workshops on computer arithmetic that I have given several times, and is supplemented by applications discussed in [1570].
Beebe:2019:CBPah


Beebe:2019:CBCa


Beebe:2019:CBCb


Beebe:2019:CBCc


Beebe:2019:CBCd


Beebe:2019:CBCe


Beebe:2019:CBPai


Beebe:2019:AGG

REFERENCES

October 2, 2019. G-1–G-16 [946/947] pp. This is an online supplement to [1400].


[1545] Nelson H. F. Beebe. A complete bibliography of publications in *Communications in *
REFERENCES


REFERENCES


REFERENCES


[1570] Nelson H. F. Beebe. Computer arithmetic — perils, pitfalls, and practices. Report, University of Utah, Department of Mathematics, Salt Lake City, UT 84112-0090, USA, January 31, 2020. 35 pp. Production of the book in which this chapter was to appear has been delayed, and the book is not yet in print. The original version appears in [1157]. This chapter is included in a set of handouts for a workshop on floating-point arithmetic, and is supplemented by applications in [1529]. The Texinfo markup system chosen by the book authors is severely limited in capabilities so that both online text and published PDF files can be produced; thus, the document design is inflexible, and use of color and alternate fonts is impossible.


REFERENCES


Beebe:2020:CBW


Beebe:2020:CBSa


Beebe:2020:CBSb


Beebe:2020:CBSc


Beebe:2020:CBSd


Beebe:2020:CBSe


Beebe:2020:BPSb


Beebe:2020:BMa


Beebe:2020:BMBb

math.utah.edu/pub/tex/bib/index-table-m.html#metron1930.


Beebe:2020:DFP

[1622] Nelson H. F. Beebe. Design of a fixed-point arithmetic library. Report, University of Utah, Department of Mathematics, Salt Lake City, UT 84112-0090, USA, September 2020. vii + 106 pp. This document is still under development. It describes the design of, and algorithms in, a large portable mathematical software library (already more than 38000 lines of code) that the author developed in Fall 2020/Winter 2021, and that will eventually be released under an open-source license for free public access. A formal journal article in ACM Transactions on Mathematical Software is contemplated, although it can only be a supplement to this long document.

Beebe:2021:CBPa


Beebe:2021:CBPb


Beebe:2021:CBB


Beebe:2021:BPA


Beebe:2021:BPA


REFERENCES

**Beebe:2021:CBPi**


**Beebe:2021:CBAb**


**Othmer:1997:CSM**


**Cherkaev:2000:VMS**


**Milton:2002:TC**


**Ethier:2007:OPM**


**Ethier:2010:DCP**


