A Bibliography of Publications of Jack J. Dongarra

Jack J. Dongarra

Computer Science Department
University of Tennessee
Knoxville, TN 37996-1301
USA

E-mail: dongarra@cs.utk.edu, dongarra@msr.epm.ornl.gov
WWW URL: http://www.netlib.org/utk/people/JackDongarra.html

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
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
WWW URL: http://www.math.utah.edu/~beebe/

Stefano Foresti
Utah Supercomputing Institute
Department of Mathematics
Salt Lake City, UT 84112
USA
Tel: +1 801 581 3173
FAX: +1 801 585 5366
E-mail: stefano@chpc.utah.edu

05 April 2018
Version 1.246

Abstract

This bibliography records publications of Jack J. Dongarra.

Title word cross-reference

[596]. 3 [822]. LU [253, 326, 379, 485, 224, 297, 340, 388, 392, 393, 430, 490, 521, 747, 817, 781, 805, 831, 784, 786, 809]. QR
Factorization [49].

10th [1049].

11th [976].

12th [1016].

13th [1029].

14th [1032, 894, 900, 971, 701].

15th [1045, 943].

16th [978, 1049].

17th [991, 995, 1051].

18th [1054, 1010].

19th [1057, 1017].

20th [1015].

21st [934].

2nd [912, 975].

3rd [939, 992, 994].

4th [936, 1004, 1005, 1006, 1007, 1028, 970, 986].

5th [947, 915, 930, 998, 1019, 1020, 1021, 1014].

6th [1024, 1025, 1026, 1015, 952, 910, 1031].

7th [958, 1027, 871, 1036, 1037, 1038, 1039, 1046].

8th [1040, 1041, 1042, 966, 1035, 980, 1052, 1053].

9th [1047, 1048, 996, 979, 1058, 1059].

abstracts [1013].

Accelerated [744, 818, 694, 789, 840, 843, 833, 740].

Accelerating [697, 745, 795, 863, 847, 717, 738, 184].

Accuracy [824].

Access [720, 777, 809, 715, 739, 832, 733].

ACCT [493].

Adaptable [428].


Adaptive [457, 560].

Addressing [60].

Advanced [26, 69, 196, 260, 920, 940, 909, 960, 972, 101, 890, 70, 113].

Advances [1032, 1054, 958, 1051, 979, 955, 632, 1045, 1029, 1049, 1057, 947, 936, 966, 1016, 952, 989, 1012].

Affecting [267].

Aid [90, 143, 123, 91, 109, 119, 212].

Aims [298].

Alamos [867, 981].

Albuquerque [896].

Alexandria [911].


GPUs

Gers

Gordon

GEMMs

GTX

Full

Gordon

Hardware

HeNCE

Hessenberg

Heterogeneity

Harmful

HeNCE


FORTRAN

[90, 91, 109, 5, 8, 14, 32, 33, 46, 48, 79, 96, 97, 197, 443, 316, 27, 28, 30, 31, 47, 60, 64, 75, 81, 82, 84, 102, 103, 116, 134, 139, 171, 305, 341, 342, 347, 401, 467, 535, 598]. Forum [507, 547, 548]. forward [797]. Fourth [888, 922, 977, 951, 903]. Framework [228, 781, 560, 570, 603, 601, 638, 622].

France

[927, 1032, 883, 905, 991, 870, 995, 993].


GA [1019, 1020, 1021]. Gaussian [625, 801, 827, 658]. Gdansk [1046].

GeForce [787]. GEMM [785, 787, 714, 737].


Generator [683, 706]. generic [723, 771].

Genetic [592]. Genova [988]. Germany [926, 949, 1051, 1029, 980, 975]. Gers [883].

Gigaflot [55]. Global [705, 643, 1030].


GPU-Accelerated [744, 789]. GPU-based [824, 808, 717, 738].

GPUs [841, 719, 825, 851, 852, 853, 863, 832, 848, 714, 737, 765, 823, 839]. gradient [844].


GridRPC [564, 566]. Grids [499, 465, 518, 752, 742, 460, 510, 611, 685, 704, 749].


H [67, 869]. Handbook [973, 1034]. Hardware [696, 477, 772, 482, 816, 523, 579, 658, 829, 807, 528, 774, 580, 609, 819, 832, 833].

Harmful [331, 332]. HARNESS [450, 428, 524, 525, 554, 555, 435].

Hawaii [1013, 1013]. HCW’98 [948].


HEP [10, 17, 29]. Hermitian [364, 9, 20].

Hessenberg [247, 280, 254, 291, 292, 808, 691, 717, 738].

Heterogeneity [798]. Heterogeneous [948, 150, 151, 156, 217, 218, 219, 157, 317].
Minneapolis [881]. Minnesota [953].
Miranker [40]. Mississippi [917]. Mixed [744, 639, 653, 676, 645, 839, 697, 660].
Mixed-Precision [645, 839]. Mixing [831].
Modern [481, 881]. Modularity [23].
Monitoring [523, 561, 596].
Montreal [1008]. Most [33, 34, 63]. moving [775].
MP [16, 41, 44, 51, 55]. MP2 [25].
MPI [1032, 701, 1054, 1016, 1051, 1012, 1045, 1029, 1049, 1057, 742, 947, 242, 796, 797, 416, 936, 966, 656, 301, 952, 958, 989, 354, 402, 403, 433, 494, 524, 525, 526, 554, 555, 556, 615, 590, 631, 434, 979, 812, 665, 532, 635, 666, 667, 359, 440, 536, 569, 362].
MPI-1 [440]. MPI-2 [590, 434].
MPI Connect [526]. MPIConnect [433].
MPP [290, 345]. MPPs [628]. Multi [696, 730, 644, 786, 766, 841, 750, 803, 780, 784, 718]. multi-component [841].
Multi-Core [696, 644, 766, 750, 803, 784]. Multi-CPU [786].
Multi-GPU [786, 766, 784]. Multi-platform [730, 780].
Multiple [696, 720, 826, 390, 754, 732, 839, 823].
Multiplication [841, 671, 222, 257, 144, 825, 710, 765].
multiplications [849]. Multipole [480, 495]. Multiprocessing [16, 25].

NA-NET [167, 682]. NAG [386].
Nałęczów [986]. Naming [283, 284].
Nanjing [1018]. nano [695]. nano-systems [695]. Narrow [446, 447, 448].
Narrow-Banded [446, 447, 448]. National [869, 113, 282, 286, 287]. NATO [940, 909].
Network-Based [185, 186, 988, 300, 149].
Network-Enabled [375, 417, 419, 483, 420].
Networked [468, 271, 406, 428].
Networking [933, 946, 957, 962, 1023, 1056, 1055, 931].
Networks [331, 332, 383, 384, 390, 357, 407].
Newport [968]. Next [450, 223, 655, 550, 386, 38].
Nonsymmetric [276, 363, 247, 405, 557, 410, 280, 205, 389].
Norfolk [910]. Norway [884]. Note [166, 203, 802, 856, 714, 704, 749, 828, 862, 165].
Notice [65, 121]. novel [820].
November [925, 933, 946, 957, 962, 1023, 893, 936, 907, 1056, 879, 889, 896, 908, 942, 1055, 1018, 982, 875].
NT [404, 469]. Numbers [625].

Programming [481, 1043, 101, 829, 830, 120, 212, 734, 648]. Programs [90, 416, 64, 75, 84, 95, 131, 560, 532, 91, 109].


PULSAR [857]. PUMMA [222, 257].


QCG [742]. QCG-OMPI [742]. QL [124].


quantum [665]. Quebec [1008]. Quest [520]. Quick [249]. QZ [333].


Reference [302, 339, 434, 440, 359].


Report [142, 174, 308, 352, 466, 549, 610, 272, 181].


Requirements [511, 512]. Rescheduling [624, 608]. Research [70, 113, 884, 492, 940, 252]. reservoir [634].


Results [107, 92, 380, 381, 787, 93, 424, 170, 348, 349, 846].


Routines [183, 253, 545, 379, 10, 265, 388, 2, 756, 806, 644, 565, 1, 214, 191, 326, 577, 485, 17, 729].


Rules [855]. Run [239]. Runtime [659, 822, 722].

Russia [999, 1000, 1001, 1002].

S [41, 51]. S-810 [41, 51]. S-810/20 [41, 51].

Saint [905]. Salt [1043, 1056]. San [933, 987, 963, 964, 872, 918, 942, 924, 969].

SANS [553, 640]. SANS-Effort [553].
References


REFERENCES


REFERENCES


[49] J. J. Dongarra, A. H. Sameh, and D. C. Sorensen. Some implementa-


REFERENCES


Dongarra:1986:SME


Dongarra:1986:STD


Dongarra:1986:UNE


Astfalk:1987:FPD


Chatelin:1987:SVM


Demmel:1987:PDL


Dongarra:1987:AAC


Dongarra:1987:ACR

REFERENCES


Dongarra:1987:BRM


Dongarra:1987:CBP


Dongarra:1987:DMS


Dongarra:1987:EPC


Dongarra:1987:ESF


Dongarra:1987:FPA


Dongarra:1987:IFP

[77] J. J. Dongarra and D. C. Sorensen. On the implementation of a fully parallel


REFERENCES

Dongarra:1987:WLB

Golub:1987:JW

Bischof:1988:LPC

Bischof:1988:PC

Brewer:1988:TAAa

Brewer:1988:TAAAb

Callahan:1988:VCTa
REFERENCES


REFERENCES

Dongarra:1988:LBEb


Dongarra:1988:PMP


Dongarra:1988:PVCa


Dongarra:1988:PVCb


Dongarra:1988:SLB


Anderson:1989:ITI


Anderson:1989:LPL


Anderson:1989:RIR

[107] E. Anderson and J. Dongarra. Results from the initial release of LA-
REFERENCES


Bischof:1989:LAL


Brewer:1989:GTA


Brewer:1989:GTD


Demmel:1989:PDL


Dongarra:1989:ACR


Dongarra:1989:BRM


REFERENCES


Higham:1990:EFM


Schreiber:1990:ABN


Anderson:1991:GFA


Anderson:1991:IGL


Anderson:1991:SDM


Beguelin:1991:GDT

REFERENCES

2158. IEEE catalog number 91CH3058-5.


[158] James Demmel, Jack Dongarra, and W. Kahan. On designing portable high performance numerical libraries. LAPACK Working Note 39, Department of Computer Science,


Jack J. Dongarra and Bill Rosener. NA-NET: Numerical analysis NET.

Dongarra:1991:PAnA


Dongarra:1991:PAnb


Dongarra:1991:PLT


Dongarra:1991:PVC


Dongarra:1991:SLS


Dongarra:1991:SRG

Dongarra:1991:TDB


Dongarra:1991:UGP


Dongarra:1991:WB


Levine:1991:CSAb


Anderson:1992:GFA


Anderson:1992:LDM


Anderson:1992:LUG

Anderson:1992:PLP


Beguelin:1992:HUG


Beguelin:1992:SCG


Blackford:1992:IGL

REFERENCES

Choi:1992:DDL

Choi:1992:SAS

Choi:1992:SSLa

Choi:1992:SSLb

Demmel:1992:SBA

Dongarra:1992:AAC

Dongarra:1992:AFS

Dongarra:1992:E
REFERENCES

J. J. Dongarra, R. van de Geijn, and D. W. Walker. A look at scalable dense
Sciences Section, Oak Ridge National Laboratory, Knoxville, TN, USA, ??

Jack J. Dongarra, R. van de Geijn, and D. Walker. A look at scalable dense

Jack Dongarra. LAPACK is now available. ACM SIGNUM Newsletter,
1558-0237 (electronic).


Jack J. Dongarra. LAPACK working note 34: Workshop on the BLACS. Oak
Ridge National Laboratory, February 6, 1992.

CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic). URL http://www.netlib.org/utk/people/JackDongarra/PAPERS/Numerical-


[216] A. Beguelin, J. Dongarra, A. Geist, R. Manchek, Otto, S., and J. Walpole. PVM: Experiences, current status and

Beguelin:1993:PHT


Beguelin:1993:THN


Beguelin:1993:VDH


Berry:1993:PPD


Choi:1993:PMT


Choi:1993:PPU

REFERENCES


REFERENCES


REFERENCES

Computer Science, University of Tennessee, Knoxville, TN 37996, 1993.

Dongarra:1993:UPR


Geist:1993:PTW


Pozo:1993:LDI


Anonymous:1994:MMI


Barrett:1994:ABI


Barrett:1994:TSLa


Barrett:1994:TSLb

REFERENCES


Beguelin:1994:HHN


Berry:1994:HPA


Berry:1994:PPD


Blackford:1994:QIG


Browne:1994:NSR


Choi:1994:CNS


Choi:1994:CRL

REFERENCES


REFERENCES


REFERENCES


Dongarra:1994:SMLa


Dongarra:1994:SMLb


Dongarra:1994:SOO


Geist:1994:PPV


PARKBENCH:1994:PRP

[272] PARKBENCH Committee/Assembled by R.Hockney (Chairman) and M. Berry (Secretary). PARKBENCH report: Public international benchmarks for parallel computers. Scientific Programming, 3(2):101–146, Summer 1994. CODEN SCIPEV. ISSN 1058-9244 (print), 1875-919X (electronic).

Plank:1994:ABD


Sunderam:1994:PCC

[274] V. S. Sunderam, G. A. Geist, J. Dongarra, and R. Manchek. The PVM


Boisvert:1995:DSD


Browne:1995:LIN


Browne:1995:LNV


Browne:1995:MNV

[285] Shirley Browne, Jack Dongarra, Ge-
REFERENCES


Browne:1995:NHSA


Browne:1995:NHSb


Browne:1995:NHSb


Browne:1995:VPD


Casanova:1995:PPM

REFERENCES


Choi:1995:DPDa


Choi:1995:DPDb


Choi:1995:PMT


Choi:1995:SLA


Choi:1995:SPL


Choi:1995:SLA
REFERENCES


Desprez:1995:PSF


Dongarra:1995:A


Dongarra:1995:BTW


Dongarra:1995:HNC


Dongarra:1995:IMS


Dongarra:1995:IVI


Dongarra:1995:LVH


Dongarra:1995:PBC

[304] J. J. Dongarra and T. Hey. The ParkBench benchmark collection. Super-
REFERENCES

Dongarra:1995:PFI

Dongarra:1995:PVC

Dongarra:1995:RCI

Dongarra:1995:RSW

Dongarra:1995:SDU

Dongarra:1995:SDX

Dongarra:1995:SLL
REFERENCES

Dongarra:1995:TSS


Newton:1995:OVV


Plank:1995:ADC


Blackford:1996:FIL


Blackford:1996:PEDa

REFERENCES


REFERENCES

URL http://www.netlib.org/utk/papers/nhse-netsolve/paper.html;
http://www.netlib.org/utk/papers/nhse-netsolve/paper.ps;


REFERENCES

Choi:1996:SPLa


Choi:1996:SPLb


Demmel:1996:DHNb


Demmel:1996:DHNa


Dongarra:1996:CTA


Dongarra:1996:DFL


Dongarra:1996:FLA

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Casanova:1997:JAN


Casanova:1997:NES


Casanova:1997:UJN


Casanova:1997:NNE


Casanova:1997:NNS


REFERENCES


[393] Jack J. Dongarra, Sven Hammarling, and David W. Walker. Key concepts


[402] G. Fagg, J. Dongarra, and A. Geist. Heterogeneous MPI application inter-

Fagg:1997:HMAb


Fischer:1997:AAP


Henry:1997:PIN


Moore:1997:SNI


Plank:1997:FTM


Strohmaier:1997:EHM


REFERENCES


[429] J. Dongarra and J. Waśniewski. High performance linear algebra package...
REFERENCES


Dongarra:1998:KCP


Dongarra:1998:NLA


Dongarra:1998:TSL


Fagg:1998:MMH


Gropp:1998:MCR


Migliardi:1998:DRV


Petitet:1998:ARM


REFERENCES


Wasniewski:1998:HPLb


Whaley:1998:ATL


Anderson:1999:LUG


Arbenz:1999:CPSb


Arbenz:1999:CPSc


Arbenz:1999:CPSa

utk/people/JackDongarra/PAPERS/lapack95ug.ps.


REFERENCES


Casanova:1999:AST


Casanova:1999:PUD


Casanova:1999:SPP


Dongarra:1999:CCG


Dongarra:1999:MPS


Dongarra:1999:NLAA

REFERENCES


[475] A. Beguelin, J. J. Dongarra, G. A. Geist, R. Manchek, and V. S. Sunderam. PVM software system and documentation. Email to netlib@ornl.gov, 19xx.

[476] Dorian C. Arnold and Jack Dongarra. The NetSolve environment: Pro-

Arnold:2000:SRA


Bai:2000:TSA


Baker:2000:TMC


Board:2000:FMA


Browne:2000:PPI


Dongarra:2000:NRI


Dongarra:2000:RAS


Dongarra:2000:TA


Dongarra:2000:TMH


Fagg:2000:AAC


Fagg:2000:FMF


Makino:2000:LEF


Petitet:2000:PDS

[496] A. Petitet, H. Casanova, J. Dongarra,

Vadhiyar:2000:ATC


Whaley:2000:AEO


Arnold:2001:CCD


Arnold:2001:DAS


Arnold:2001:PII


Arnold:2001:RSO

Barker:2001:LUG


Blackford:2001:USB


BLAST:2001:BLA


Choi:2001:IGS


**Dongarra:2001:BTC**


**Dongarra:2001:CCG**


**Dongarra:2001:HPCa**


**Dongarra:2001:ISB**


**Dongarra:2001:LBP**


**Dongarra:2001:NA**


**Dongarra:2001:NA**

REFERENCES


Dongarra:2001:NLT


Dongarra:2001:P


Dongarra:2001:PCC


Dongarra:2001:PVC


Dongarra:2001:QPC


Dongarra:2001:RAS


Dongarra:2001:UCT


Dongarra:2001:UPH

REFERENCES


Fagg:2001:FTM


Fagg:2001:HFT


Fagg:2001:PII


Kennedy:2001:TLS


London:2001:EUT

Miller:2001:GEI

Miller:2001:GEP

Moore:2001:NTC

Moore:2001:RPA

Petitet:2001:NLGa

Petitet:2001:NLGb

Seymour:2001:ATF
REFERENCES


REFERENCES


REFERENCES


Moore:2002:NTC


Nakada:2002:GRP


Roche:2002:DPN


Seymour:2002:OGR


Vadhiyar:2002:MGa


Vadhiyar:2002:MGb


Vadhiyar:2002:PMS


REFERENCES


REFERENCES


REFERENCES

1-55860-871-0. LCCN QA76.58 S638 2003. US$59.95.


REFERENCES


REFERENCES

Abramson:2004:SGC


Beck:2004:ALS


Casanova:2004:VIS


Chen:2004:LCP


Cooper:2004:NGS


Dongarra:2004:A


Dongarra:2004:PV

REFERENCES


[619] Y. Tanimura, K. Aoi, T. Hiroyasu, M. Miki, Y. Okamoto, and J. Don-
REFERENCES


Vadhiyar:2004:GGB


Vadhiyar:2004:TAM


URL http://hpc.sagepub.com/content/18/1/159.full.pdf+html.

YarKhan:2004:BSA


Beck:2005:NDM


Berman:2005:NGS


Chen:2005:CNG


Demmel:2005:LPR

[626] Jim Demmel and Jack Dongarra. LAPACK 2005 prospectus: Reliable and scalable software for linear algebra computations on high end computers. LAPACK Working Note 164, Department of Computer Science,
REFERENCES


Demmel:2005:SAL


Dongarra:2005:HPC


Eijkhout:2005:CSS


Fagg:2005:PFT


Gabriel:2005:EDC


Kranzlmuller:2005:RAP

REFERENCES

Moura:2005:SIS


Parashar:2005:EIC


Pjesivac-Grbovic:2005:PAM


Strohmaier:2005:RTM


Vadhiyar:2005:SAG


YarKhan:2005:BSA


Buttari:2006:UMP


Dongarra:2006:SAN

REFERENCES


[647] Julie Langou, Julien Langou, Piotr Luszczek, Jakub Kurzak, Alfredo Buttari, and Jack Dongarra. Exploiting the performance of 32 bit floating point arithmetic in obtaining 64 bit accuracy (revisiting iterative refinement for linear systems). In ACM [1023], page ???
REFERENCES


Langou:2007:RPI


Luszczek:2007:HPD


DiMartino:2007:P


Mohr:2007:SPE


Pjesivac-Grbovic:2007:MCA


Pjesivac-Grbovic:2007:PAM


Vomel:2007:UBS


Wasniewski:2007:EIS

[669] Jerzy Waśniewski, Jack Dongarra, Kaj Madsen, Sivan Toledo, and Zahari Zlatev. Editorial introduction to the special issue on computational linear algebra and sparse matrix computa-
113

REFERENCES


[677] Zizhong Chen and Jack Dongarra. Algorithm-based fault tolerance for

**DiMartino:2008:SSG**


**Dimov:2008:SSA**


**Dongarra:2008:B**


**Dongarra:2008:MPH**


**Dongarra:2008:NNB**


**Dongarra:2008:PLB**


**Dongarra:2008:RMP**


**Dongarra:2008:SSC**

REFERENCES


[693] Beniamino Di Martino, Dieter Kranzlmüller, and Jack Dongarra. Special section: Grid computing and the Message Passing Interface. Future Gen-
REFERENCES


Fengguang Song, Asim YarKhan, and Jack Dongarra. Dynamic task scheduling for linear algebra algorithms on distributed-memory multicore systems. LAPACK Working Note 221, Department of Computer Science, University of Tennessee, Knoxville, Knoxville, TN 37996, USA, April 13, 2009. URL http://www.netlib.org/lapack/lawnspdf/lawn221.pdf. UT-CS-09-638.


REFERENCES


[737] Rajib Nath, Stanimire Tomov, and Jack Dongarra. An improved MAGMA GEMM for Fermi GPUs. LAPACK Working Note 227, Depart-
REFERENCES


[744] Hartwig Anzt, Piotr Luszczek, Jack Dongarra, and Vincent Heuveline. GPU-accelerated asynchronous error correction for mixed precision iterative refinement. LAPACK Working Note 260, Department of Computer Science, University of Tennessee, Knoxville, TN, USA, December
REFERENCES


Dongarra:2011:SPW


Du:2011:ABF


Du:2011:HPL


Gustavson:2011:LCF


Haidar:2011:ADS

[757] Azzam Haidar, Hatem Ltaief, Asim YarKhan, and Jack Dongarra. Analysis of dynamically scheduled tile algorithms for dense linear algebra on mul-

Haidar:2011:PRCa


Haidar:2011:PRCb


Jagode:2011:TBP


Kurzak:2011:AGF


Ltaief:2011:HPB


Ltaief:2011:PHP

REFERENCES

Luszczek:2011:TST
[764] Piotr Luszczek, Hatem Ltaief, and Jack Dongarra. Two-stage tridiagonal reduction for dense symmetric matrices using tile algorithms on multicore architectures. LAPACK Working Note 244, Department of Computer Science, University of Tennessee, Knoxville, Knoxville, TN 37996, USA, April 18, 2011. URL http://www.netlib.org/ lapack/lawnspdf/lawn244.pdf. UTC-S-11-670.

Nath:2011:OSD

Song:2011:ESM

Song:2011:STC

Vetter:2011:KBH

Watkins:2011:FA

White:2011:HPH

Bosilca:2012:DGD
REFERENCES


REFERENCES

128


Du:2012:ABF


Haidar:2012:ADS


Du:2012:COT


Jia:2012:HFM


Kurzak:2012:AGK


Kurzak:2012:FPP

[786] Jakub Kurzak, Piotr Luszczek, Mathieu Faverge, and Jack Dongarra. LU factorization with partial pivoting for
a multi-CPU, multi-GPU shared memory system. LAPACK Working Note 266, Department of Computer Science, University of Tennessee, Knoxville, TN, USA, April 2012. URL http://www.netlib.org/lapack/lawnspdf/lawn266.pdf.


[793] Guillaume Aupy, Mathieu Faverge, Yves Robert, Jakub Kurzak, Piotr Luszczek, and Jack Dongarra. Implementing a systolic algorithm for QR factorization on multicore clusters with PaRSEC. LAPACK Working Note 277, Department of Computer Science, University of Tennessee, Knoxville, Knoxville, TN 37996, USA, May
REFERENCES


REFERENCES


REFERENCES


Bosilca:2014:UMA


Danalis:2014:BPH


Dongarra:2014:ANA


Dongarra:2014:MDO


Dongarra:2014:PHP


Haidar:2014:NHC


Luszczek:2014:LBD


REFERENCES

[Dongarra:2015:HPI]

[Haidar:2015:BMC]

[Haidar:2015:TBL]

[Reed:2015:ECB]

[Song:2015:SAS]

[Dongarra:2015:PPM]

[Faverge:2015:MLQ]
REFERENCES


[843] Marc Baboulin, Jack Dongarra, Adrien Rémy, Stanimire Tomov, and Ichitaro Yamazaki. Dense symmetric indefinite factorization on GPU accelerated

Dongarra:2016:HPC


Dongarra:2016:NMR


Herrmann:2016:ACR


Jagode:2016:ANC


Kurzak:2016:ITB


Masliah:2016:HPM


Yamazaki:2016:SPV

Ichitaro Yamazaki, Stanimire Tomov, and Jack Dongarra. Stability and performance of various singular value QR implementations on multicore CPU
REFERENCES


REFERENCES


REFERENCES


[873] Jane Cullum and Ralph A. Willoughby, editors. *Large Scale Eigenvalue Problems. Proceedings of the IBM Euro-
REFERENCES


REFERENCES


REFERENCES


VanderSteen:1990:ESS


vanderVorst:1990:PAN


Anonymous:1991:ISS


Anonymous:1991:PIS


Griffiths:1991:NAP


IEEE:1991:SIS


IEEE:1991:PSA

REFERENCES

Stout:1991:SDM

Adeli:1992:SEA

Dongarra:1992:PFS

Griffiths:1992:NAP

IEEE:1992:SHP

Perrott:1992:SPC

Siegel:1992:FSF

Dongarra:1993:CB

Dongarra:1993:ETP
REFERENCES


Fincham:1993:CSO


Hoffmann:1993:PSP


IEEE:1993:PSP


Kowalik:1993:SPC


Sincovec:1993:SCP


Anonymous:1994:HPC


Anonymous:1994:OON


Dongarra:1994:PSC

REFERENCES


IEEE:1994:PSH


IEEE:1994:PSH


IEEE:1994:PSP


IEEE:1994:PTI


IEEE:1994:PTI

REFERENCES

82163-5. ISSN 0927-5452. LCCN QA76.88.H55 1995.

IEEE:1995:DPT


IEEE:1995:FHC


IEEE:1995:PFI


Karin:1995:PAI


ACM:1996:SCP


Bode:1996:PVM

REFERENCES


Bouge:1996:EPP


Dongarra:1996:APC


IEEE:1996:FSS


IEEE:1996:HCW


Liddell:1996:HCN


Wasniewski:1996:APC

REFERENCES


REFERENCES


REFERENCES


issue&issn=0302-9743&volume=1497. Jointly sponsored by the Computer Science Dept., University of Liverpool and Oak Ridge National Laboratory.


REFERENCES

Papailiou:1998:PFE


Dongarra:1999:RAP


Heath:1999:APP


Hernandez:1999:VPP


Palma:1999:VPP


Webster:1999:WEE

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Bubak:2004:CSIb


Bubak:2004:CSIc


Bubak:2004:CSIId


Eigenmann:2004:IIC


IEEE:2004:CII


IEEE:2004:IPD

[1010] IEEE, editor. *18th International Parallel and Distributed Processing Symposium: Santa Fe, New Mexico, April 26–30, 2004: proceedings*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA,
REFERENCES


REFERENCES

DiMartino:2005:RAP

IEEE:2005:IPD

Pan:2005:PDP

Sunderam:2005:CSIa

Sunderam:2005:CSIb
REFERENCES


**Sunderam:2005:CSIc**


**Yang:2005:HPC**


**Alexandrov:2006:CSIc**

REFERENCES


Alexandrov:2006:CSIId


Dongarra:2006:APC


Guo:2006:PDP


Mohr:2006:RAP

REFERENCES


REFERENCES


[1040] Marian Bubak, Geert Dick van Albada, Jack Dongarra, and Peter M. A.
REFERENCES


Chatterjee:2008:PPA


Dongarra:2008:DHP


Lastovetsky:2008:RAP


Wyrzykowski:2008:PPA

Wyrzykowski, Jack Dongarra, Konrad Karczewski, and Jerzy Wasniewski, editors. *Parallel Processing and Applied Mathematics: 7th International Conference, PPAM 2007, Gdańsk, Poland, September 9–12, 2007*
References


Allen:2009:CSIa


Allen:2009:CSIb


Ropo:2009:RAP


Bultheel:2010:BNA


Keller:2010:RAM


Wyrzykowski:2010:PPAa

[1052] Roman Wyrzykowski, Jack Dongarra, Konrad Karczewski, and Jerzy Wasniewski, editors. Parallel Processing
REFERENCES


Wyrzykowski:2010:PPAb


Cotronis:2011:RAM


Lathrop:2011:SPI


Hollingsworth:2012:SPI


Traff:2012:RAM

REFERENCES

