A Complete Bibliography of Publications in the

*ACM Journal of Experimental Algorithmics*

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/

03 April 2015
Version 1.16

**Title word cross-reference**

\((n \log n + 0.2n)\) [ES02]. \((n \log n - 0.9n)\) [ES02]. 1 [LNW08]. 2 [DFKM09, LMMM05]. \(b\) [MHS99, MHS00]. \(k\) [CKLM09, FR15, NW13]. \(n \times m\) [Shi00]. \(O(nm \log n)\) [MS02]. \(q\) [STK06]. \(R\) [HW11]. \(R^3\) [DFKM09]. \(t\) [FG09].


32- [NG10].

64-bit [NG10].
accessing [YZ98]. aCGH [TPT\textsuperscript{+}11]. acyclic [PK06]. Adapting [RR01]. Adaptive [IGA05, PF08]. adaptiveness [BFM08]. Address [JM15]. Advanced [SSS15]. against [BSTU08]. air [BMS09]. airspace [BMS09]. ALENEX [DT08, MW09]. ALENEX'12 [BM15]. algorithm [BDS\textsuperscript{+}10, BLMM05, BGL03, BFV08, BS99, CEM13, CT09, CW09, EJ99, FT06, GS08, HJ98, Kim99, MPR04, MSS\textsuperscript{+}06, PK06, SWW00, VSM03, YZ98]. Algorithmic [BG97]. Algorithms [ATV01, EKX09, FMZ01, GD15, GL06, IKRT01, MO15, MNNW15, NW13, PS06, AS02, AC97, BH96, BLOLS09, BMS09, BKL00, CGM\textsuperscript{+}08, CGG\textsuperscript{+}09, DL10, DK05, EJ02, ECHS09, FINP98, GGHN08, HRSZ98, HSW\textsuperscript{+}09, JMN99, Jac10, KM13b, KZ08, Mag98, MM06, Mic11, MHS99, MHS00, PCJ97, RN11, SRB08, TPT\textsuperscript{+}11, UI10, XZK00]. all-against-all [BSTU08]. all-pairs [VSM03]. allocation [BBJP08]. Alternative [ADGW13, LS15]. Altruistic [MO15]. amalgamated [GT04]. Anagrams [Rea12]. Analysing [RR00]. Analysis [GK01, Boy11, DFKS11, FINP98]. Analytical [DL10]. analyzed [BLMM05]. Anatree [Rea12]. applications [Epp00]. apportionment [HRSZ98]. approach [BSTU08, DS13, MP08]. approaches [AN10, CMP\textsuperscript{+}08, LMM05]. Approximate [KMY03, Boy11, CEM13, FMRT02, FN04, HFN05, SZ05]. Approximating [FR15, PP05, SMEDM08]. Approximation [TPT\textsuperscript{+}11, BLMM05, DK05, EJ02, FCNP09, FNP06, LN08, NR08]. area [LIS\textsuperscript{+}06]. arrangement [Pet03]. arrangements [HH08]. array [DKMS08]. Arrays [GNF15]. aspects [BG97]. assignment [EJ99, Jac10, Li08]. Audit [GD15]. Augment [CGM\textsuperscript{+}08]. automata [NR00]. Average [FN04, Li08]. average-case [Li08]. Average-optimal [FN04].
[SZR06]. Cache-Friendly [PP06]. cache-oblivious [BFV08]. cached
[San00]. caches [LL96, WACV02]. Caching [Lib01]. Candidate [LS15].
capacity [CGM’98]. Cardinality [DW15, CKLM09]. case
[BKS00, ERS99, LRAM06, Li08, SWW00]. center [LNW08]. CGAL
[FHH’00, HH08]. checkpointing [BA06]. chordal [PPR05]. chromatic
[HH02]. class [SOS05]. class/teacher [SOS05]. clique [GGHN08]. Cliques
[ELS13]. closest [Epp00]. Closure [FMZ01, KZ08, PP06]. cluster [MSM09].
ClusterHulls [HSS08]. Clustering
[GKW15, Ano08, Epp00, GMS+13, RN11]. CNF [IKM+02]. Coarsening
[SSS15]. coloring [CEM13, MPR04, PPR05]. Column [AB15, CGM09].
Combining [BDS’10, HSWW05, GMS+13, NR00]. common [BGL03].
communication [BHJ96]. Compact [NPV15]. Comparative [Boy11].
Comparing [NG10]. comparison [DL10, Mic11]. comparisons [ES02].
Complexity [dSLAM05]. Compressed
[GO13, GNF15, GO15, AN10, VMGD09]. Compression [MRS01, LOMSS05].
Computation [DHL009, KLC15, GO13, WWZ05]. computational
[CGM’98, JMN99, MHS00]. computationally [HLL06]. computations
[BSWW04, HSWW05]. Computing
[LNW08, SSMJ99, Sh100, WEM11, HTVV08]. concept [Ner02].
concurrently [YZ08]. congestion [PS06, WsdC00]. Congress [HRSZ98].
Connectivity [IKRT01]. conscious [FPR09, SZ04]. consideration
[NTB05]. constants [TMH11]. Constrained
[DPW15, GKW15, CEM13, TRC11]. Constraint [DW15, UI10].
construction [BKS00, DKMS08]. contact [LJS+06]. containers [WWZ05].
contraction [BGVS13]. controller [BMS09]. convex [BLLW13].
cooperative [Ner02]. coordinated [BA06]. coordinates [BSWW04].
copying [SZR06]. core [KCC11, KMY03]. core-sets [KMY03].
Correspondence [CS00]. Correspondence-based [CS00]. cost [HTVV08].
costs [ADGM06]. couples [BIS11]. cover [DL10, FT06, GGHN08].
covering [ECHS09, FT06]. covers [HLL06]. critical [HH02]. Crossing
[SBG01, CGM09, CGMW10]. crossings [DF01]. curves [HW11]. cutting
[Lev00]. cycle [MM06]. cycles [DF01].

D [LMMM05]. Data [FPGI13, GGHN08, MRS01, Rea12, CS00, ERS99,
HSS08, IGA05, MS02, NG10, NAH04, TPT+11, VH02]. datapath
dSLAM05]. Dealing [TMH11]. decomposition [GS08]. Decompositions
[GO15, NZ01]. Delaunay [KCC11]. delay [CEM13]. deliver [ECHS09].
Dependent [KLC15, BGVS13]. Design
[CKM00, GK01, BMS09, FHH’00, MHS99]. deterministic [HJB98].
diameter [Jul09]. dictionaries [FPGI13]. Dictionary
[MRS01, Boy11, DHW08]. Dictionary-Based [MRS01]. different
[CMP+08]. difficult [Spe10]. Dijkstra [BDS+10, MSS+06, SWW00].
dimensional [HW11, KM13b, SSMJ99]. dimensions [KMY03]. directed
[BDS\textsuperscript{+}10, EJ99, MSM09, PK06]. discrepancy [PU11]. disjoint [EJ02]. Disk [Lib01]. distance [SMEDM08]. distances [MSM09]. distributed [MPR04]. distribution [GL06, RR00]. Distributions [AON15]. diversification [SOS05]. Document [NPV15]. Donation [MO15]. double [CS00, DT09]. double-ended [CS00]. double-tree [DT09]. drawing [PCJ97]. DSM [BA06]. dual [BLMM05, dSLAM05]. dummy [NTB05]. Dynamic [FMZ01, GMS\textsuperscript{+}13, IKRT01, MRS01, NR08, TW09, ACI97, DS13, DHW08, Epp00, FINP98, GL06, Ho13, KZ08, LFLSW08, PK06, Rad98, SZ04, TPT\textsuperscript{+}11].

'Easy [FMRT02]. edge [EJ02, GRST12, MPR04, TRC11]. edge-coloring [MPR04]. edge-disjoint [EJ02]. editor [FH11]. Editorial [Kla15]. Effective [KCC11]. effects [RR00]. Efficient [ATV01, AB15, EJ99, GO13, KLC15, MNNW15, PF08, PSWZ08, WACV02, ADT03, ECHS09, HH11, MP08, NTB05, PSS09, SOS05, SZ05, SR06, WWZ05, YZ98]. efficiently [Kim09, Shi00]. Einstein [AON15]. elevation [WEM11]. empirical [AC97, BIS11, SWW00]. enclosing [KMY03]. ended [CS00]. energy [FNP06]. Engineering [Ano08, BFV08, HSW08, HSW\textsuperscript{+}09, MNNW15, SW10, VMGD09, BKS00, TMH11]. enhanced [ERS99]. enough [DT09]. enumerating [CEM13]. equilibria [PS06]. equilibrium [CMP\textsuperscript{+}08]. estimating [LJS\textsuperscript{+}06]. Evaluation [ERW09, NW13, SBG01, Ano08, CGG\textsuperscript{+}09, HJJ98, LRAM06, Li08, dSLAM05].

evolution [Ner02]. evolutionary [SMEDM08]. Exact [KM13b, CGM09, GGHN08]. Experimental [FG09, FR15, FINP98, FMZ01, GKO1, IKRT01, Li08, NW13, SBG01, AS02, Ano08, BLOLS09, BNWG08, BCFM00, CGG\textsuperscript{+}09, CMP\textsuperscript{+}08, DL10, DFKS11, FPGI13, HH08, HJJ98, Jac10, KZ08, LG02, Mag98, MPR04, Mic11, PCJ97, SSMJ99]. Experimentation [MO15]. Experiments [CGM09, GWK15, Pet03, VV00]. explicit [VV00].

exploit [AZ10]. exponential [SHA97]. external [BCFM00, DKMS08].

factor [FNP06]. Fast [AW09, BD09, BFK\textsuperscript{+}03, DT09, Epp00, GO15, LOMSS05, NR00, Rea12, San00, BBP11, CGLM09, SW10]. Faster [KM13a, LFLSW08, FT06]. faults [FPGI13]. feasibility [CGG\textsuperscript{+}09]. filters [PS09]. Finding [HH02, IM09, Lev00, WSiC00]. fingers [DM05]. Flexible [MR08, GRST12, MHS99, NR00]. Flow [GK01, CGM\textsuperscript{+}98, DK05, NPS\textsuperscript{+}11]. Foreword [Fel13, FH11]. formulas [ARMS08]. Four [HW11]. Four-dimensional [HW11]. FPT [ECHS09]. FPT-algorithms [ECHS09]. framework [LRAM06]. free [CGMW10]. Friendly [PP06]. Fully [IKRT01, KZ08]. function [SHA97].

games [PS06]. Gauss [WEM11]. General [NPV15, MS02]. Generating [BSWW04, TRC11]. generation [CGM09]. generator [Spe10]. Genome [GD15]. genomes [SMEDM08]. Geometric [BMS09, NZ01, WWZ05, FG09]. geometry [DFKM09]. Goal [MSM09, BDS\textsuperscript{+}10]. Goal-directed [MSM09, BDS\textsuperscript{+}10]. good [AW09, DT09]. GPU [CT09]. GPU-Quicksort
grams [STK06]. Graph [GKW15, SSS15, ACh97, Ano08, BSTU08, GMS+13, NTB05, PCJ97].

graphics [CT09]. Graphs [AB15, ELS13, ADGM06, HH02, HSW08, HH11, MS02, MSS+06, NPS+11, PK06, PPR05, TRC11]. GRASP [FPPR06].


heap [BKS00]. heap [ES02]. Heuristic [LMS10, BP97, FNP06, LMMM05, SOS05, dSLAM05]. Heuristics [BW02, IJS+06, SBG01, BBJP08, CMM00, FMRT02, Jul09, NTB05]. hidden [TMH11]. Hierarchical [NW13, BID+10, Epp00]. hierarchies [BGSV13].


hypertree [GS08].

I/O [ATV01, ADT03]. I/O-Ecient [ATV01, ADT03]. Implementation [EJ02, MS02, Rad98, CMM00, DHW08, EJ99, FHH+00, HH11, VMGD09].

implementations [PP06]. Implementing [AN09, DK05, ES02, MM06, MHS99, MHS00]. improved [KM13a]. Improving [DM05, XZK00, NAH04]. in-place [SW10]. in-subtree [Rad98].


insights [MHS00]. instruction [VV00]. integer [BJH96, BLWL13, NG10]. Integrating [BA06]. interactive [LMMM05]. Intersection [AB15, BLOLS09]. interval [CEM13, PPR05]. intervals [Knu96].


JE A [Nik06].

key [GL06]. keys [NG10]. Kidney [MO15]. knapsack [DS13].

labeling [BLMM05]. Large [ELS13, IM09, SZ04, TMH11, VH02]. lattice [BW02]. Layer [CGMW10]. Layer-free [CGMW10]. layered [IJS+06].

layering [NTB05]. layout [NAH04]. LCP [GO13]. LCP-values [GO13]. learning [BGL03, Ner02]. least [HTV08]. least-cost-path [HTV08].

leftist [CS98]. Lempel [AN09]. library [BK10]. lifetime [EKX09]. Limited [PU11]. line [SWW00]. linear [PET03, SRB08]. lines [ECH09].

list [LG02, VV00]. Listing [ELS13]. Lists [PPR09, CS98]. Local [AW90, CW90, IKM+02, RN11]. locality [NAH04]. localization [LRAM06].

Locally [GNF15]. location [ATD03, HH08, VH02]. Lock [YZ98]. longer
maintenance [BS99]. manifold [DFKM09]. manufacturing [IJS+06].
mapping [KM13a]. maps [FHH+00]. market [CMP+08]. massive
[HTVW08]. Matching
[AB15, BSTU08, BIS11, BFK+03, CGM+98, FN04, HFN05, Kim99, KM13b,
LMS10, Mag98, Mic11, MHS99, MHS00, NR00, STK06]. matchings
[FMRT02, IM09, MS02]. Matrix [ERS99]. matroid [DHL09]. max
[PPR05, BP97]. max-coloring [PPR05]. MAX-SAT [BP97]. maxima
[WEM11]. Maximal [ELS13]. maximization [Li08]. maximum
[FMRT02, NPS+11]. MAXSAT [FPPR06]. Maxwell [AON15]. means
[HH02]. mechanisms [BA06]. Median [NW13]. memetic [BS99]. Memory
[RR01, BBJP08, BCFM00, DKMS08, FPGI13, San00, XZK00]. merging
[dSLAM05]. mesh [KCC11]. methods [Boy11, HNR+99]. metric
[BLMM05, DT09, FCNP09]. minimal [BBPV11]. Minimization
[SBG01, CGM90, CGMW10]. minimizing [DF01]. Minimum
[BGSV13, NZ01, DT09, FNP06, Jul09, KMY03, MM06, NTB05, Pet03, WSdC06],
minimum-weight [DT09]. minimum-width [NTB05]. mixed [BLLW13].
mixed-integer [BLLW13]. Modal [KLC15]. Model [JM15]. modeling
[BKL00]. models [PSWZ08, Ano08]. modified [CS98]. modularity
[GMS+11, RN11]. molecular [BKL00]. monotone [BBPV11]. motivate
[HH11]. Motorcycle [HH11]. move [CKM00]. move-based [CKM00]. MST
[FNP06]. much [DFKM09]. Multi [KLC15, VV00]. Multi-Modal [KLC15].
multi-threaded [VV00]. multicast [GL06]. multicriteria [DHL09]. multidimensional
[DM05]. Multilevel [RN11, SRB08, HSW08]. Multimodal [DPW15]. Multipattern [STK06]. multiple
[FN04, HFN05, KM13b, TRC11]. multiplication [ERS99].
naming [KM13a]. Nash [PS06]. national [BS99]. Network [GK01].
Network-Flow-Based [GK01]. Networks
[KLC15, LS15, ADGW13, BSWW04, EJ99, JMN99, LRAM06, Li08]. node
[BSWW04]. nodes [NTB05]. nonlinear [BLLW13]. number [HH02].
umerical [LRAM06].

O-Efficient [ATV01, ADT03]. oblivious [BFV08]. Obtaining
[SWW00]. one [DT09, FMRT02]. online [AS02, ERW09, KM13b, Li08]. operations
[Rad98]. optical [Li08]. Optimal [Hof13, BMS09, CKLM09, EJ99, FN04].
optimization [BLLW13, DHL09]. order [LOMSS05]. order-preserving
[LOMSS05]. ordering [SRB08]. other [Epp00]. out-of-core [KCC11].
overlay [HSW08].

packing [BBJP08, LMMM05]. Paging [MNNW15]. Pair [NZ01]. Paired
[MO15]. pairs [Epp00, VSM03]. Papers [DT08, MW09, SÁ09]. parallel

synchronization [BA06]. Systems [Lib01, PSWZ08, dSLAM05].

table [AZ10, PF08]. Tabu [SOS05]. takes [DFKM09]. technique [BLMM05]. techniques [BDS+10, FT06, HSWW05, KM13a, NAH04].

Terracost [HTVW08]. terrain [LNW08]. Terrains [ATV01, HTVW08]. test [FT06]. test-cover [FT06]. text [AN10, BLOLS09]. Theory [BBPV11].

threaded [VV00]. three [SSMJ99]. three-dimensional [SSMJ99]. threshold [BSTU08]. throughput [Li08]. Time [KLC15, BGSV13].

Time-Dependent [KLC15, BGSV13]. times [BGSV13]. timetable [PSWZ08]. timetabling [SOS05]. Tool [GD15]. topological [PK06].

tournaments [CW09]. traffic [BMS09]. Transitive [FMZ01, KZ08, PP06]. Translation [JM15]. transport [SWW00]. transportation [BSW04, JMN99, PSWZ08]. travel [BGSV13]. traveling [FMRT02].

Treat [SBG01]. Tree [TMH11, DT09, EJ99, HNR+99, Jul09, VMGD09]. Trees [NZ01, ADT03, CKLM09, CS98, EJ02, GO13, HW11, NR08, PF08, Rad98, TW09, WSDC00].

trie [AZ10]. Tries [GO15, SZ04, SZ05]. true [SMEDM08]. TSP [DT09, Lev00]. two [KM13b, SMEDM08]. two-dimensional [KM13b]. Twol [GT04]. Twol-amalgamated [GT04].


unweighted [EJ02]. upward [CGMW10]. User [DPW15].

User-Constrained [DPW15]. Using [SZ05, ADT03, BKL00, CGM09, DM05, HSS08, IKM+02, Kim99, KCC11, KM13b, KMY03, LOMSS05, MSM09, SR06, TRC11, WACV02]. utilization [ERS99].

values [GO13]. vector [Ull10]. vectorization [IKM+02]. versatile [MP08].

vertex [DL10]. via [Hof13, NZ01, PF08]. Virtual [JM15]. VLSI [CKM00].

wavelength [EJ99, Li08]. WDM [Li08]. WEA [SÁ09]. Weight [CS98, DT09]. Weight-biased [CS98]. weighted [EJ02, FPPR06, LNW08, MS02, MHS99, MHS00, PS06]. weights [ADGM06].


XMT [VV00].

Ziv [AN10]. Ziv-based [AN10].
References


[AN10] Diego Arroyuelo and Gonzalo Navarro. Practical approaches to reduce the space requirement of Lempel–Ziv-based compressed text

Anonymous:2008:EGC


Angione:2015:SMB


Aloul:2008:SBP


Albers:2002:ESO


Arge:2001:EAP


Avdil:2009:LSS


Askitis:2010:RSH


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[ES02] Stefan Edelkamp and Patrick Stiegeler. Implementing **HEAPSORT** with \((n \log n-0.9n)\) and **QUICKSORT** with \((n \log n+0.2n)\) comparisons. *ACM Journal of Experimental Algorithmics*, 7:5, ????? 2002. CODEN ???? ISSN 1084-6654.


REFERENCES


**Fekete:2002:SHP**


**Frigioni:2001:ESD**


**Fredriksson:2004:AOS**


**Flammini:2006:RAF**


**Ferraro-Petrillo:2013:DSR**


**Festa:2006:GPR**


**Frias:2009:LRC**

[FPR09] Leonor Frias, Jordi Petit, and Salvador Roura. Lists revisited: Cache-conscious STL lists. *ACM Journal of Experimental Algo-
REFERENCES

Frieder:2015:ESA

Fahle:2006:FBB

Galvao:2015:ATG

Gramm:2008:DRE

Gittleman:1996:PSS

Gabow:2001:NFB

Gorke:2015:EDC
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[KM13a] Tina M. Kouri and Dinesh P. Mehta. Faster reaction mapping through improved naming techniques. *ACM Journal of Experi-
REFERENCES

mental Algorithmics, 18(1):2.5:1–2.5:??, December 2013. CODEN ???. ISSN 1084-6654.


Moruz:2015:EEP


Manlove:2015:PAK


Maniscalco:2008:EVA


Marathe:2004:ESS


Matias:2001:EFP


Mehlhorn:2002:IWM


Maue:2009:GDS

Mohring:2006:PGS


Munro:2009:PSS


Niewiadomski:2004:PSD


Neri:2002:RCL


Nash:2010:CID


Nikoletseas:2006:JSS


Negrucseri:2011:SMF


Navarro:2015:GDR


Navarro:2000:FFS

Navarro:2008:DSA

Nikolov:2005:SEH

Nagarajan:2013:EEI

Narasimhan:2001:GMS

Purchase:1997:ESB

Petit:2003:EML
REFERENCES


REFERENCES


REFERENCES


REFERENCES

Algorithmics, 9:1.5:1–1.5:??, ???? 2004. CODEN ???? ISSN 1084-6654.


[Vahrenhold:2011:P]


[Vahrenhold:2002:PPL]


[Valimaki:2009:ECS]


[Venkataraman:2003:BAP]


[Vishkin:2000:ELR]


[Wickremesinghe:2002:ESU]


[Werneck:2000:FMC]
REFERENCES

