A Bibliography of Publications of Nicholas Constantine Metropolis

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Abstract
This bibliography records publications of Nicholas Constantine Metropolis (1915–1999).

Title word cross-reference

(0, 1) [EM72, MS67, MSS69]. 10 [S.69]. 15 [BMSW54, S.69]. 16 [BMSW54]. 2 [S.69]. 2, 000 [MRvN50]. 2600 [Met41a, Met41c]. 3 [Fan60, RBMW59, Sho60].
6 [Fan60, RBMW59, Sho60]. 88062 [S.69]. 3 [KKHM54]. 4 [KKHM54]. 2 [Met41b]. e [MRvN50, Rei50]. j [Fan60, RBMW59, Sho60]. λ3400
[Met41a, Met41c]. N [EM71a, LM81, MR78a, MR78b]. ν [EM71a]. p [EM75].
π [MRvN50, Rei50]. Qp [EM75]. Xm + 1 [EM75].

- [Fan60, RBMW59, Sho60]. -Adic [EM75]. -cube [MR78b, MR78a].
-dimensional [LM81]. -matrices [EM72].

24 [Sha71]. 2nd [IEE72a].

310-Mev [SYM57]. 35 [Met65d]. 3rd [IEE75].

40th [MKR87].

65th [Nac81]. 6600 [GM70b].

810A [MPF66].

A-bomb [Rav99]. A.M.S [Jun64a, Jun64b]. Absorption [Met41c, Met41a]. ad [Seg86a]. adaptive [CS05]. Addition [FMRR77b, FMRR77a]. Adic [EM75]. Adventures [Met76a]. Against [TMRL89]. Age [Met92, Met93]. ai [Seg83]. Alamos [A+85, GM86, MOR76, MKR87, Ano96]. Absorption [Jac77, Jun64a, Jun64b]. algebra [Gre84, MR74]. algebraic [RDM62]. Algirdas [Met65d]. Algorithm [BS00, CG95, Hit03, CS05, Met65b, SYM57, Tau63b, dHMAB54, FMRRT77a, Met41a, Nac81]. Analyzed [Met72a, Met72b, Met72c, Met73]. Anecdotes [TMRL89]. Anniversary [MKR87]. annual [IEE72b]. aos [Seg87]. Application [BM75, BM77, BBL+93, ITC74]. Applications [Has70, A+85, Nac81]. Applied [BMN70a, HBLM96, Jun64a, Jun64b, MTTT63a, MOR76]. approach [BMP72, BMP73, GM70a]. Approximation [EM71a, Met41b]. April [A+85, Jac77, MTTT63a]. architecture [IEE72b]. Arithmetic [AM59, BM75, BM77, GM70b, Ham65, IEE72a, IEE75, Jun64a, Jun64b, MA58, MA63, Met65b, MA65, BM68, FM68, GM70a, MM77, MTTT63a, Met65a, Met65c, Met68, MRT73, MR74, Met76c, Met77, MT77, Met65d]. arithmetical [MU52, MU53]. Art [Jac77]. Astrophysics [Tau63c]. Atlantic [MTTT63a]. atomic [MR50, MR51a]. atomique [A+85]. Automata [Tau63b]. Automatic [TMRL89]. aux [Seg84]. Avisienis [Met65d].
bijective [MR88]. Binary
[Met65d, Met72a, Met72b, Met73, S.69, Met72c, MR74].
Binary-Compatible [Met65d]. Biographies [Cor87, Wei88]. birthday
[Nac81]. Bivins [Fan60, Sho60]. bomb [Rav99]. Book [Bra83, Edw85, Fan60, Ham65, Jun64a, Jun64b, Met50, Met76a, S.69, Sho60, Ste81].
Boolean [FMRR77a, FMRR77b]. Boulder [Gre84]. Brains [Met50].
Braithwaite [Edw85].

C [Edw85, Ham65, Jun64a, Jun64b, Met50]. Cadarache [A⁺85]. calculated
[MRvN50]. Calculation [AM65]. Calculations
[Bar65, FM47, FMT50, MRR⁺53, MRR⁺52, MBS⁺58b, MBS⁺58a].
California [IEE72b]. candidate [CS05]. Carlo
[Bra83, Edw85, GM86, Ste81, A⁺85, And86, Bar65, BHMU85, DH87, Dys12a, Has70, HMG55, HMG56, Hur85, Mar56, MU49b, MBS⁺58b, MBS⁺58a, Met85, Met87a, Mey56, Pes73, RC04, RR54, Ros03]. carrying
[MR73, MT77]. Cascade [MTB59]. cascades [MBS⁺58b, MBS⁺58a]. Case
[TMRL89]. Castle [A⁺85]. cathedral [Dys12b]. Cave [Edw85]. CDC
[GM70b]. Cell [HMG55, HMG56]. Century [Bra83, Har10, MHR80, Ste81].
certain [GLMU56]. Chains [GM54, Has70, Pes73, Tie94, MRSW78].
Characters [BMSW54]. Chicago [MTTT63a]. City [Kal65, MTTT63a].
class [MS67, MRSW78, MRR81]. classes [MR91, MRS91, MRS95].
Classical [LM86a]. Classification [BLMS91, BLMS96]. closer [Har10].
Codes [HMW55]. coefficients [KKHM54]. Collected
[Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c]. Collection
[MHR80, KBM⁺84]. College [IEE72a]. Colorado [Gre84]. Combinatorial
[MR78a]. Combinatorics [Gre84]. Comments [BHMU85]. Commissariat
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complete [BLMS96]. completely [EM72]. complicated [May76].
Compounds [KMTW43]. comprehensive [GM70a]. Computation
[MR93]. Computations [BHMU85, Hur85]. Computer
[AFI72, AM65, CMR⁺83, Edw85, HM83, HMG56, IEE72b, IEE72a, IEE75, MA58, MPF66, GM70a, ITC74]. Computers
[Edw85, HM83, Rav99, Rot86, Tau63b, KBM⁺84, Met60]. Computing
[Bra83, Ham65, HM83, Jun64a, Jun64b, MRR⁺53, MTTT63b, Met72a, Met72b, Met73, MHR80, MW80, MN82, Met92, Nas90, Ste81, Yos02, MRR⁺52, MTTT63a, Met72c, MW72, Met93]. Conference
[AFI72, Gre84, GM86, IEE72b, Jac77]. congress [Kal65]. Constantine
[BBLS00]. constants [Lia10]. contemporanea [Seg76, Seg83].
contemporary [Seg76]. Continued [RDM62]. Continuous [Tau62].
Conversion [MA65]. Coordinate [MTB59]. Corrigendum [Sha71].
coupled [BMP72, BMP73]. Crises [Edw85]. Critical [KMTW43]. cube
[MR78a, MR78b]. cycles [BLMS91, BLMS96]. cyclic [MS69]. cyclotomic
[MR84].
dai [Seg83]. Dallas [IEE75]. Data [Cor87]. David [Edw85]. Decimal
[Rei50, MRvN50]. Decomposition [Met65b, Met68]. découvertes [Seg84].
Dedicated [Rot86, MOR76, Nac81]. Defense [BCMR92]. defined
[GLMU56]. degeneracy [LM81]. Degree [BMSW54]. Demons [Dys12c].
density [CS05]. descobertas [Seg87]. Design [Tan63b]. determinants
[MS67]. Determination [Rei50]. Deuterium [FMT50].
Deuterium-Tritium [FMT50]. Development [HBLM96, Mac91].
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Digit [GM70b, MA58, Met65d]. Digital [HMG56, Dys12b]. Digits
[BMN70b, S.69, MRvN50, Sha71]. Dimensional
[BMv59b, BMv59a, LM81]. Dioxide [Met41c, Met41a]. Dirac [MR51b].
Directions [MKR87]. discoveries [Seg76, Seg80, Seg84, Seg87, Seg07].
distributed [MU49a]. Distribution [Bar65]. Distributions [Tie94]. DNA
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Dynamics [LM86b, LM86a, May76].

Early [BHMU85, Hur85, MN82]. Edmund [Met50]. Edward [Har10].
Electron [Bar65]. Electronic [Met41b, Met41a]. elementary [MS70].
Elements [FMT49b, FMT49a]. énergie [A+85]. energy
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Enrico [Met54, Met55]. enumeration [MS80]. Equation
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Ergodic [Tau61b]. Error [AM65]. Errors [Met65b, MW80, MW72]. Essays
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fa [Seg86b]. faces [MR78a, MR78b]. Family [Edw85]. Fast
[MRR+53, MRR+52]. fences [Ano96]. Fermi
[FMT49a, FMT49b, MR51b, Met54, Met55]. Field [EM75]. fifteenth
[MTTT63a]. finite [MSS73]. first [MRvN50, MOR76, AFIT2]. física
[Seg76, Seg83]. físicos [Seg87]. fisikaim [Seg86a]. fission [FM47]. Floating
[AM59]. Florida [Mey56]. four [BBL+93]. fraction [RMD62]. France
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function [MU52, MU53]. Functions
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[BMN70a, FMT49b, FMT49a]. Genesis [Ros03]. Geometry [Tan62]. Gian
[Bra83, Edw85, Ste81]. Gian-Carlo [Bra83, Edw85, Ste81]. Giant [Met50].
Maker [Rav99]. Management [Edw85]. MANIAC [And86, Ano78, DJK+53, HMW55, JM54, LMO+56, MPF66, Met80a, Met78].
Mathematical [HBLM96, MTTT63b, MM570a, Nac81, May76]. Mathematician [Met76a]. Mathematics [HBLM96, Jun64a, Jun64b, LMG55, LM56, Met76c, Met77, Mey56, A+85, RC04].
Mechanics [Bra83, Edw85, Fan60, Ham65, Hei99, Jun64a, Jun64b, S.69, Sha71, Sho60, Ste81, And86, Ano00, BBS00, BS00, CG95, CS05, DH87, Gub65, HRM00, Hit03, MA87, Rav99, Rot86].
Monte-Carlo [A+85]. most [Har10]. motions [MU49a]. Multiplication [FMR77b, HG56, FMR77a]. My [Edw85].


Quantum [GM86, Tau61a]. quark [Seg83]. quarks [Seg80, Seg84, Seg87, Seg07]. Quarterly [Met64b, Met64a, Met65c].


S [Met76a, MOR76]. sampler [Lia10]. Sampling [Has70, Pes73]. San [IEE72b]. Scattering [FMA54, SYM57]. Schneider [Edw85]. Schwartz
| Table | MR50, MR51a, tagliyotehe | Seg86a | tall | Ano96 | Tar | IEE72b | Taub | [Hamb6, Jun64a, Jun64b, TCCA | [IEE72a | technology | ITC74 | Teller | [Har10] | Test | BMN70a | Texas | IEE75 | th | EM71a | Their | Has70, ITC74, Seg80, Seg84, Seg87, Seg07 | theoretic | [LM80, LM81 | Theory | FMT49b, HBLM96, MRS91, Tau61a, Tau61b, Tau63b, FMT49a, Tau63c | Think | [Met50] | Thomas | MR51b, FMT49a, FMT49b | those | [BBL+93 | three | MR91 | Todd | [Ham6, Jun64a, Jun64b | Tokyo | [AFI72 | Tompkins | [Jun64a, Ham65, Jun64b | Topics | [Tau62 | Toy | [Met78 | Ano78 | tracts | [ITC74 | transformation | [MRS91 | Transformations | [MTB59, MSS73 | Trapezoidal | [LM86b | treatment | [MRvN50 | Trilogy | [MW80, MW72 | Tritium | [MRT50 | Tumor | [HMG55 | Turing | [Dys12 | Twentieth | Bra83, Ste81, Har10, MHR80 | Two | [BMv+59b, BBL+93 | BMv+59a, BM68 | Two-Dimensional | [BMv+59b, BMv+59a] |
X [Seg80, Seg83, Seg84, Seg87, Seg07]. X-rays [Seg80, Seg84, Seg87, Seg07]. xian [Seg86b]. XY [Met41b].
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Nicholas Constantine Metropolis, Arianna W. Rosenbluth, Marshall N. Rosenbluth, Augusta H. Teller, and Edward


This article introduces the Metropolis algorithm, which the journal *Computing in Science and Engineering* cited in the top 10 algorithms having the “greatest influence on the development and practice of science and engineering in the 20th Century.” See [BBLS00, BS00], and the Hastings–Metropolis generalization in [Has70]. See also [Bar65, Pes73, Hit03]. According to [Har10, page 263], this paper has been cited more than 10,000 times.


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