

A Bibliography of Publications of *Cleve B. Moler*

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02 November 2023
Version 1.63

Abstract

This bibliography records publications of Cleve B. Moler.

6 [Mol00a]. **6600** [DM73]. **6600/7600** [DM73].

754 [Mol19b]. **75th** [DFM⁺07]. **7600** [DM73]. **77** [GWL⁺92].

Title word cross-reference

10⁴³⁵ [Mol95b]. **2** [Mol74]. $Ax = \lambda Bx$ [MS71]. $AXB^T + CXD^T = E$ [GWL⁺92, GLAM92].

-by- [Mol74].

1 [Mol18a]. **128-bit** [Mol17c]. **15th** [Mol92]. **16-bit** [Mol17b]. **1978** [MS78a].

2007 [DFM⁺07]. **2012** [Ano12].

50th [DFM⁺07].

A&M [Dut16]. **Accuracy** [DMW83]. **Accurate** [Mol67b]. **ACM** [ACM72]. **acoustics** [MS70b]. **Ada** [BBG⁺81]. **Affair** [CMMP95]. **Algebra** [GM87a, HM88, Mol80d, Bir80]. **Algebraic** [FM67, Joh68, FM71, Mol67b, MS78a]. **algebraische** [FM71]. **Algorithm** [GWL⁺92, MS73, MS78b, MS71, MS72, Mol95c, Mol01]. **algorithms** [MS78a]. **Analysis** [GO80, MM83a, Bir80, Mol68b, Mol68c, Mol69c, Mol69d, Mol83, Mol70]. **Analyst** [Hig99]. **Analytic** [LM67, MRS94]. **anniversary** [DFM⁺07]. **Annual** [ACM72]. **anymore** [Mol15b]. **apology** [Mol99a]. **Applications** [GM87a]. **Applied** [Bir80].

approximate [Efi64]. **Approximations** [FHM67]. **April** [AFI67]. **Ardent** [Mol18a].
Arithmetic [Mol17b, Mol17c, Mol19b, Mol19c, Mol196a].
arrival [DFM⁺07]. **Art** [DFM⁺07, Mol69e].
Aspects [CMMP95]. **Atlantic** [AFI67].
August [ACM72, MS78a]. **Award** [Ano11].

B [AF69, Bir80, Joh68]. **Back** [BBG⁺81a].
basis [MRS94]. **Bauer** [MB96, Mol15a]. **be** [GM87b]. **Beebe** [Mol79]. **Before** [Mol19b].
Behavior [Mol01]. **Benchmarks** [Mol94].
Beresford [Mol08a]. **billion** [Mol02b].
birthday [DFM⁺07, Mol92]. **bit** [Mol17b, Mol17c]. **BLAS** [Mol88b, Mol88c].
Book [AF69, Bir80, CMR73, Cur78, Joh68].
Boston [ACM72]. **boundary** [Efi64].
Bounds [FHM67, MP68]. **Broadwell** [GM91]. **Bug** [Mol17a]. **Building** [DGG⁺08]. **Bulirsch** [Mol22]. **Bunch** [Bir80]. **Burton** [Mol70].

C [AF69, Bir80, Cur78]. **calculations** [Efi64]. **calculator** [Mol80a, Bir80]. **can** [GM87b]. **capabilities** [Mol00b]. **CDC** [DM73]. **celebrating** [DFM⁺07].
certification [Mol63]. **certify** [BCC⁺72].
chance [Mol95a]. **Chemistry** [Mol79, MS78a]. **Christian** [Mol22]. **City** [AFI67]. **Class** [Dub83]. **Cleve** [Ano12, Joh68, Ano11, Dut16, Hai08, Hig99, Mar99, Mol94, Mol95c, Mol95b, Mol95a, Mol95d, Mol96a, Mol96b, Mol97, Mol98a, Mol98b, Mol99b, Mol99a, Mol00a, Mol00b, Mol01, Mol02a, Mol02b, Mol06b, Mol06a, Mol13, Mol14b, Mol14a, Mol15a, Mol17a, Mol17b, Mol17c, Mol18a, Mol19a, Mol19b, Mol19c, Mol22]. **Cleve.s** [Mol19d]. **Cody** [MM09]. **collaborative** [BCC⁺72]. **Collisionless** [GM91]. **Community** [DGG⁺08]. **Compact** [Bir80]. **Compilation** [BBG⁺81k]. **Compiling** [JM94]. **Complex** [Mol98b]. **comprehensive** [Mol68a]. **Computation** [Dub83, Mol02b, LM91, Mol00b]. **Computational** [CMMP95, DFM⁺07, HM88, Jam89, PAB⁺01, Bir80]. **Computations** [FMM77, FMM80, Mol72b, Mol86, Mol69e, Mol71, Ste68, Cur78]. **Compute** [MV78a, MV78b, MV03, MV79]. **Computed** [DMW83]. **Computer** [AFI67, Ano12, FM67, FMM77, MLB87c, FM71, FMM80, Cur78, Joh68]. **Computer-Verfahren** [FM71]. **computers** [Bir80, DM73]. **Computing** [DGG⁺08, DFM⁺07, Mol19a, Mol75, Mol83, Mol04a, Mol04b, Mol08b]. **Condition** [CMSW79]. **Conference** [ACM72, AFI67, Hea86, DFM⁺07]. **Conjectured** [CMR73]. **Controversial** [Mol14a]. **Converging** [Jam89]. **Corner** [Mol94, Mol95c, Mol95b, Mol95a, Mol95d, Mol96a, Mol96b, Mol97, Mol98a, Mol98b, Mol99b, Mol99a, Mol00a, Mol00b, Mol01, Mol02a, Mol02b, Mol06b, Mol06a, Mol13, Mol17a, Mol17b, Mol17c, Mol18a, Mol19a, Mol19b, Mol19c, Mol22, Mol69a, Mol14b, Mol14a, Mol15a]. **CR** [SM22]. **Craftsmanship** [Mol02a]. **Cramer** [Mol74]. **Creator** [Dut16, Hai08]. **crossing** [Mol97]. **Cryptograms** [MM83a].

Decades [Mol06b]. **Declarations** [BBG⁺81b]. **Decomposing** [MS78b]. **Dedication** [GDM87, Mol92]. **Defense** [BBG⁺81]. **Definite** [CMR73]. **Demonstration** [Mol82b]. **Denormals** [Mol14a]. **Department** [BBG⁺81]. **Dependent** [BBG⁺81m]. **Design** [GMS92, Mol80a]. **Development** [Cow84]. **Difference** [Mol65]. **differential** [Efi64, Mol96b, Mol97]. **Differentiation** [LM67]. **Difficulties** [Mol75]. **digital** [MS79]. **Directions** [DFM⁺07]. **disseminate** [BCC⁺72]. **Distributed** [Mol86, PPM⁺89, Mol01]. **Document** [BBG⁺81]. **Dongarra** [Bir80]. **draw** [PPM⁺89]. **Dubious**

[MV78a, MV78b, MV03, MV79].

education [PAB⁺01]. **Efficiencies** [Jam89]. **efficient** [MS79]. **effort** [BCC⁺72]. **Eigensystem** [GBDM77, SBD⁺76]. **Eigenvalue** [DM84, MS73, Mol79, MS71, MS72]. **Eigenvalues** [DMW83, FHM67, Mol65, MP68, Nic67, DM78, Efi64, Mol98a]. **eigenvector** [Mol02b]. **Eigenvectors** [DMW83, MP68, Efi64]. **eigshow** [Mol98a]. **EISPACK** [DM84, GBDM77, SBD⁺76]. **Elements** [BBG⁺81h]. **Elimination** [SM22]. **Elliptic** [FHM67, Nic67]. **engineering** [PAB⁺01]. **Equation** [GWL⁺92, GLAM92, Mol72a, Mol96b]. **equations** [Efi64, GM91, Mol97]. **era** [Mol02a]. **error** [DM73, Mol95a]. **Estimate** [CMSW79]. **event** [Mol97]. **examination** [Mol68a, Mol68b, Mol68c, Mol69c, Mol69d]. **Exceptions** [BBG⁺81c]. **Excerpts** [Mol68a]. **Experiments** [HM88, Mol11]. **explain** [Mol98a]. **Exponential** [MV78a, MV78b, MV03, Mol75, MV79]. **Expressions** [BBG⁺81i]. **Extension** [GBDM77, Nic67].

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[LM67, Mol98b, Mol02a]. **Future** [DFM⁺07].

G [Bir80, Cur78]. **Gatlinburg** [MB96, Mol13]. **Gene** [DFM⁺07, Mol92]. **Generalized** [MS73, Mol79, MS71, MS72]. **generates** [Mol01]. **generator** [MM73]. **Generic** [BBG⁺81e]. **geometrical** [MS70b]. **George** [DFM⁺07, Joh68, Mol72c]. **German** [FM71]. **Golden** [Mol96b]. **Golub** [DFM⁺07, Mol92]. **Good** [Mol98a]. **Google** [Mol02b]. **got** [Mol88b, Mol88c]. **Graduate** [PAB⁺01]. **graphics** [PPM⁺89]. **groupie** [Mol07]. **Growth** [Mol06b]. **Guide** [DBMS79, GBDM77, Mol80c, Mol81, Mol82a, MLB87b, MLB87a, SBD⁺76, CM93, LM91, ML90, Mol18b, Bir80].

H [GM87a, Mol92]. **Half** [Mol17a, Mol17b, Mol19c]. **Half-Precision** [Mol17a]. **Hall** [Cur78]. **handling** [Mol97]. **Harmful** [GM87b]. **helps** [Mol98a]. **Henrici** [Bir80, Nic67]. **High** [USE94, LM91]. **high-performance** [LM91]. **Historic** [Mol18b]. **history** [ML20]. **Householder** [MS78b, MB96, Mol13]. **HP** [Bir80]. **hyperbolic** [Mol98b]. **Hypercube** [Hea86].

IEEE [Ano12, Mol96a, Mol19b]. **image** [MS79]. **Implementation** [BBG⁺81m, GMS92]. **Improving** [DMW83]. **Incorporates** [Mol00b, Mol00a]. **Increasing** [Mol00b]. **Industrial** [Bir80]. **Inequality** [AF69]. **infallibility** [Mol95c]. **Input** [BBG⁺81f]. **Input-Output** [BBG⁺81f]. **Insignificant** [Mol14a]. **Installation** [Mol81]. **Integrating** [MS70a]. **integration** [MS70b]. **Interactive** [Mol80b, Mol80a, Mol83]. **Interview** [Mar99]. **Introduction** [BBG⁺81g]. **inverse** [Mol98b]. **inversion** [Mol63]. **isn't** [Mol95d]. **Issues** [BBG⁺81k]. **Iterative** [Jam89, Mol67a].

J [AF69, Bir80]. **James** [GM87a]. **Jim** [MM09]. **John** [Bir80]. **Joint** [AFI67]. **just** [Mol15b].

Knoxville [Hea86].

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[Mol80b, Mol82b, Mol19d, Mol88a, Mol15b].

Language [BBG⁺81i]. **Languages**

[Edw09, USE94]. **LAPACK** [Mol00b].

Laplace [Mol65]. **large** [Mol95a, Mol99b].

large-scale [Mol99b]. **Largest** [Mol02b].

Later [MV03]. **Learning** [Mol83]. **Level**

[USE94]. **Lexical** [BBG⁺81h]. **libraries**

[MM09]. **library** [GMI85]. **Linear**

[FM67, GM87a, Joh68, Mol72a, Mol80d,

Bir80, FM71, Mol67b]. **lineare** [FM71].

lines [PPM⁺89]. **LINPACK**

[Bir80, DBMS79, Mol94]. **LOBO.LIB**

[GMI85]. **long** [Mol95b]. **LU** [SM22].

Lyness [AF69].

M [Cur78]. **making** [Mol95a]. **Malcolm**

[Cur78]. **Manual** [BBG⁺81i]. **March**

[DFM⁺07]. **Masinnye** [FMM80].

matematicheskich [FMM80]. **Math**

[Mar99, CM93]. **Mathematical**

[Cow84, Cur78, FMM77, FMM80, Hai08,

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[Bir80, DFM⁺07, Mol19a, Mol83].

MathWorks [MRS94, Mol06b]. **MATLAB**

[Dut16, Edw09, GMS92, LM91, Mol80b,

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ML90, Mol94, Mol95d, Mol96b, Mol00a,

Mol00b, Mol02a, Mol04a, Mol04b, Mol06b,

Mol08b, Mol11, Mol18b, ML20, Hai08, JM94,

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MV03, SBD⁺76, DM78, Mol63, Mol69b,

Mol69e, MS71, MS72, Mol75, MS79, MV79,

Mol80a, Mol82b, Mol00b, Mol15b, CMR73].

Matter [BBG⁺81a, BBG⁺81d]. **Meetings**

[MB96]. **megaflops** [Mol94]. **Membrane**

[Mol18a]. **Memory**

[GM87a, Mol86, Mol72c]. **Methods**

[Cur78, Dub83, FMM77, FMM80, KMN89,

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[FMM80]. **Mexico** [USE94]. **minimization**

[Bir80]. **model** [Mol96a]. **Moler** [AF69,

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[AFI67]. **Normal** [Mol01]. **normal**

[Mol01]. **Notes** [Jam89]. **Number**

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[Mol02b]. **ordinary** [Mol96b]. **Output**

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[BBG⁺81j]. **PageRank** [Mol02b]. **pages**

[Cur78]. **Paging** [Mol72b, Mol71]. **Paper**

[Nic67]. **parallel** [Mol95d]. **partial** [Efi64].

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Pentium [CMMP95, Mol95a].

performance [LM91]. **Perspective**

[Mol15b]. **Peter** [Bir80]. **Ph.D.**

[Mol68a, Mol68b, Mol69c]. **Philadelphia** [Bir80]. **Pioneer** [Ano12, Hai08, MM09]. **Pioneering** [Hig99]. **pocket** [Bir80]. **Point** [Mol67a, Mol14b, Mol14a, Mol17a, Mol17b, Mol17c, Mol19b, Mol19c, Mol98b]. **points** [Mol96a]. **Positive** [CMR73]. **pp** [Bir80]. **pp.** [Bir80]. **Precision** [Mol17a, Mol17b, Mol17c, Mol19c]. **Prentice** [Cur78]. **Prentice/Hall** [Cur78]. **Principles** [Mol70]. **PRO** [LM91, MLB87c, ML90, MLB87a]. **PRO-MATLAB** [LM91, MLB87c, ML90, MLB87a]. **Problem** [Kah71, Mol79, MS71]. **Problems** [DM84, ML67, MS73, Mol80d, Efi64, Mol69b, MS72, Mol99b]. **procedures** [Mol63]. **Proceedings** [ACM72, Hea86, USE94]. **processing** [MS79]. **Professor** [Mol06a]. **Program** [BBG+81e, BBG+81k]. **Programming** [BBG+81l, Edw09]. **progress** [Mol04b]. **Projection** [MS78b]. **Proposed** [BBG+81i]. **Purdue** [Mol68c, Mol69d]. **Putting** [Mar99]. **Pythagorean** [Dub83, MM83b].

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Santa [USE94]. **scale** [Mol99b]. **Schmidt** [CMR73]. **science** [PAB+01]. **Scientific** [DGG+08]. **Second** [Hea86]. **Sensitivity** [DM78]. **September** [Hea86]. **Short** [Jam89]. **simulations** [MRS94]. **SIMULINK** [Mol96b]. **Single** [Mol88b, Mol88c]. **Single-user** [Mol88b, Mol88c]. **Singular** [MM83a, Mol98a]. **skills** [Mol02a]. **small** [Mol95a]. **Society** [Bir80]. **Software** [Cow84, GWL+92, Hai08, KMN89, BCC+72, GMI85, LM91, MM09]. **Solution** [FM67, GLAM92, Joh68, FM71, Mol67b, Mol69b]. **solutions** [GM91]. **Solver** [Mol72a]. **solvers** [Mol96b]. **Solving** [DM84, GWL+92]. **Sons** [Bir80]. **Sources** [Cow84]. **Sparse** [GMS92]. **Speaking** [Mol99b, Mol99a]. **special** [Mol02a]. **Specifications** [BBG+81m]. **speed** [Mol00b]. **sphere** [Mol69a]. **splines** [MS70b]. **Spring** [AFI67]. **Square** [Jam89, MM83b, MS70a]. **Standard** [BBG+81l, Mol96a]. **Stanford** [DFM+07, DFM+07, Mol07]. **State** [DFM+07, Mol69e]. **Statements** [BBG+81n]. **States** [BBG+81i]. **Stewart** [Bir80]. **Striving** [Mol95c]. **Structure** [BBG+81k]. **Subject** [Mol98b]. **Subprograms** [BBG+81o]. **Sums** [Dub83, MM83b]. **Sun** [ML90]. **supercomputers** [Mol88b, Mol88c]. **survey** [Mol67b]. **SVD** [Mol06a, Mol22]. **Sylvester** [GWL+92, GLAM92]. **Symbolic** [CM93]. **Symmetric** [MP68]. **Symposia** [Mol13]. **Symposium** [USE94]. **Systeme** [FM71]. **Systems** [FM67, FM71, Mol67b, Mol74, Joh68].

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Years [MV03, Mol95b]. **York** [Bir80].

Z [Edw09]. **Zero** [Mol97]. **Ziggurat** [Mol01].

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