

A Bibliography of Publications of *Cleve B. Moler*

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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

10^{435} [Mol95b]. **2** [Mol74]. $Ax = \lambda Bx$
[MS71]. $AXB^T + CXD^T = E$
[GWL⁺92, GLAM92].

-by- [Mol74].

1 [Mol18b]. **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, Mol83b, 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** [Mol18b]. **Arithmetic** [Mol17b, Mol17c, Mol19b, Mol19c, Mol96a]. **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]. **brief** [Mol18a]. **Broadwell** [GM91]. **Bug** [Mol17a]. **Building** [DGG⁺08]. **Bulirsch** [Mol22a]. **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** [Mol22a, Mol22b]. **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, Mol18b, Mol19a, Mol19b, Mol19c, Mol22a]. **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, MvL82]. **Computed** [DMW83]. **Computer** [AFI67, Ano12, FM67, FMM77, MLB87c, FM71, FMM80, Cur78, Joh68]. **Computer-Verfahren** [FM71]. **Computers** [Mol83a, Bir80, DM73]. **Computing** [DGG⁺08, DFM⁺07, Mol19a, Mol75, Mol83b, 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, Mol18b, Mol19a, Mol19b, Mol19c, Mol22a, 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⁺81l]. **Definite** [CMR73]. **Demonstration** [Mol82b]. **Denormals** [Mol14a]. **Department** [BBG⁺81l]. **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⁺81l]. **Dongarra** [Bir80]. **draw**

[PPM⁺89]. **Dubious**
[MV78a, MV78b, MV03, MV79, MvL82].

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, MvL82].
Expressions [BBG⁺81i]. **Extension**
[GBDM77, Nic67].

factorization [MS79]. **Fame** [Mol94].
Faster [Mol00a]. **Fe** [USE94]. **Features**
[BBG⁺81m, Mol99b]. **Fernbach** [Ano11].
FFTW [Mol00a]. **Finding** [Jam89]. **Finite**
[Mol65, Mol00a]. **First** [Mol70]. **Fitting**
[Hig99]. **Five** [MV03]. **Floating**
[Mol67a, Mol14b, Mol14a, Mol17a, Mol17b,
Mol17c, Mol19b, Mol19c, Mol98b, Mol96a].
floating-point [Mol98b]. **Format** [Mol19c].
Formulae [Jam89]. **Forsythe**
[Cur78, DFM⁺07, Joh68, Mol72c].
FORTRAN [GWL⁺92, Mol71, Mol72b].
FORTRAN-77 [GWL⁺92]. **fortune**
[Mol94]. **four** [GM91]. **Fourier** [Mol00a].
Fox [MS78b, Nic67]. **Friedrich** [Mol15a].
Front [BBG⁺81d]. **Function**

[Mol02a, Bir80]. **Functions**
[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, Mol18c, 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 [Mol18c]. **history** [Mol18a, 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, Mol83b]. **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].

Laboratory

[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** [Mol83b]. **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].

matemateskich [FMM80]. **Math**

[Mar99, CM93]. **Mathematical** [Cow84,

Cur78, FMM77, FMM80, Hai08, Mol83a,

BCC⁺72, GMI85, Mol88a, Mol02a, MM09].

Mathematics

[Bir80, DFM⁺07, Mol19a, Mol83b].

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

[Dut16, Edw09, GMS92, LM91, Mol80b,

Mol80c, Mol81, Mol82a, MLB87c, Mol88a,

ML90, Mol94, Mol95d, Mol96b, Mol00a,

Mol00b, Mol02a, Mol04a, Mol04b, Mol06b,

Mol08b, Mol11, Mol18a, Mol18c, ML20,

Hai08, JM94, MLB87b, MLB87a]. **Matrices**

[GMS92]. **Matrix** [CMSW79, DM84,

GBDM77, GWL⁺92, GLAM92, HM88,

Mol71, Mol72b, MS73, MV78a, MV78b,

Mol80b, Mol86, Mol02b, MV03, SBD⁺76,

DM78, Mol63, Mol69b, Mol69e, MS71, MS72,

Mol75, MS79, MV79, Mol80a, Mol82b,

MvL82, Mol00b, Mol15b, CMR73]. **Matter**

[BBG⁺81a, BBG⁺81d]. **Meetings** [MB96].

megaflops [Mol94]. **Membrane** [Mol18b].

Memory [GM87a, Mol86, Mol72c].

Methods [Cur78, Dub83, FMM77, FMM80,

KMN89, Mol65, Bir80, MS78a, Mol99b].

metody [FMM80]. **Mexico** [USE94].

minimization [Bir80]. **model** [Mol96a].

Moler [AF69, Bir80, Cur78, Joh68, Ano11,

Ano12, Dut16, Hai08, Hig99, Mar99, Mol79,

Mol19a, Nic67]. **Multiprocessors**

[Mol86, Hea86].

N [AF69]. **NA-Net** [DGG⁺08]. **Names**

[BBG⁺81i]. **Nash** [Bir80]. **NATS** [BCC⁺72].

Net [DGG⁺08]. **Netlib** [DGG⁺08].

Nineteen [MV78b, MV79, MvL82, MV03].

NJ [AFI67]. **Normal** [Mol01]. **normally**

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

[CMSW79, MM73]. **Numbers**

[Mol95a, Mol14b, Mol95e, Mol01]. **numeric**

[LM91]. **Numerical** [DFM⁺07, Dub83,

GO80, Hig99, KMN89, LM67, Mol69b,

Mol70, Mol80d, Mol02a, Mol04a, Mol08b,

Bir80, Mol68b, Mol68c, Mol69c, Mol69d,

MS70b, Mol83b, MRS94, Mol04b, MS78a].

Obituary [Mol22b]. **Object** [Mol17a].

Objectively [Mol99a]. **occasion** [Mol92].

October [Hea86, USE94]. **ODEs** [Mol96b].

OOPS [Mol99a]. **Operator** [Mol65].

Operators [FHM67, MP68, Nic67].

Optimally [Mol99b]. **Optimization**

[Mol99b]. **order** [Mol02b]. **ordinary**

[Mol96b]. **Output** [BBG⁺81f].

Package [DM84, GWL⁺92]. **Packages**

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

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

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

PC [MLB87b]. **PC-Matlab** [MLB87b].

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⁺81l]. **Purdue** [Mol68c, Mol69d]. **Putting** [Mar99]. **Pythagorean** [Dub83, MM83b].

QR [Mol95c]. **Quadruple** [Mol17c]. **qualifying** [Mol68b, Mol68c, Mol69c, Mol69d]. **Quantum** [Mol79].

R [Bir80]. **Random** [Mol95b, MM73, Mol01]. **Rapidly** [Jam89]. **Recollections** [Mol07]. **Reference** [BBG⁺81l]. **Refinement** [Mol67a]. **Reinsch** [Mol22a, Mol22b]. **rely** [Mol02a]. **Remark** [Mol63]. **Remembering** [Mol08a]. **Remembers** [MB96]. **Replacing** [MM83b]. **report** [MS78a]. **Representation** [BBG⁺81m]. **Research** [Mol80d]. **Response** [Mol79]. **Restores** [Mol18b]. **Review** [AF69, Bir80, CMR73, Joh68, Cur78]. **Reviews** [Mol70]. **Revisiting** [Mol98b]. **rid** [Mol88b, Mol88c]. **Roland** [Mol22a]. **Roots** [Jam89, MM83b, MS70a]. **Roundoff** [DM73]. **Routines** [GBDM77, SBD⁺76]. **rule** [Mol74]. **Rules** [BBG⁺81q]. **Russian** [FMM80].

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, Mol83a, 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⁺81l]. **Stewart** [Bir80]. **Striving** [Mol95c]. **Structure** [BBG⁺81k]. **Subject** [Mol98b]. **Subprograms** [BBG⁺81o]. **Sums** [Dub83, MM83b]. **Sun** [ML90]. **supercomputers** [Mol88b, Mol88c]. **survey** [Mol67b]. **SVD** [Mol06a, Mol22a]. **Sylvester** [GWL⁺92, GLAM92]. **Symbolic** [CM93]. **Symmetric** [MP68]. **Symposia** [Mol13]. **Symposium** [USE94]. **Systeme** [FM71]. **Systems** [FM67, FM71, Mol67b, Mol74, Joh68].

Tale [Mol95a, Mol95e]. **Tasks** [BBG⁺81p].

teaching [Mol04b]. **Technical** [Mol15b]. **Tennessee** [Hea86]. **Tetragamma** [Mol02a]. **Texas** [Dut16]. **their** [Jam89]. **there** [Mol95a, Mol95d, Mol97]. **thoughts** [Mol95b]. **Three** [Mol80d]. **time** [Mol95b]. **Titan** [Mol18b]. **toolbox** [CM93, Mol99b]. **tools** [MRS94]. **Transforms** [Mol00a]. **trap** [Ste68]. **Tribute** [Hig99]. **trig** [Mol98b]. **Trigonometric** [AF69]. **Trigonometry** [Mol98b]. **Twenty** [MV03]. **Twenty-Five** [MV03]. **Two** [Mol95a, Mol06b, Mol95e]. **Types** [BBG⁺81b].

Underflow [GM87b]. **unifies** [Mol96a]. **United** [BBG⁺81l]. **Units** [BBG⁺81e]. **universal** [MM73]. **University** [DFM⁺07, Dut16, Mol68c, Mol69d]. **URAND** [MM73]. **USA** [USE94]. **Use** [MS70b]. **User** [Bir80, DBMS79, Mol80c, Mol82a, MLB87a, Mol18c, CM93, LM91, Mol88b, Mol88c, ML90]. **Users** [MLB87b].

Value [MM83a, Efi64]. **values** [Mol98a]. **Variable** [Mol19c]. **VAX** [LM91, MLB87c]. **VAX/VMS** [MLB87c]. **VAXBARN** [Mol18b]. **Vector** [Mol83a]. **velocity** [GM91]. **Velvel** [Mol08a]. **Verfahren** [FM71]. **version** [MLB87c]. **Very** [USE94, Mol95b, Mol95a]. **VHLL** [USE94]. **Vibrating** [Mol18b]. **Vibrations** [Mol98a]. **Visibility** [BBG⁺81q]. **Visits** [Dut16]. **visualization** [Mol88a]. **VMS** [MLB87c]. **vycislenij** [FMM80].

W [Bir80, CMR73]. **Ways** [MV78a, MV78b, MV03, MV79, MvL82]. **Wendroff** [Mol70]. **where** [PPM⁺89]. **Wiley** [Bir80]. **Wilkinson** [GM87a]. **Wins** [Ano11]. **Work** [Mar99, Mol04b]. **workshop** [MS78a]. **workstations** [ML90]. **World** [Mol02b].

x [Bir80].

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

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

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