

# A Bibliography of Publications of David M. Young

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## Abstract

[KOY89].

This bibliography records publications of **3** [Anoxx].  
David M. Young.

**586** [KRYG82a]. **5th** [FDKN04].

## Title word cross-reference

**68** [ACH<sup>+</sup>68].

100 [YM14]. **\$6.50** [You53b]. 9 [ALY88]. **A** [You72a].  $A_1 X B_1 = C_1$  [NOY01].  
 $A_2 X B_2 = C_2$  [NOY01].

**-point** [ALY88].

**13-15** [Cra87a]. **1973** [Gra73, Wat74]. **1979** [VS79, SRS79]. **1983** [ES84, Gar83]. **1984** [Lak84, VS84]. **1986** [D<sup>+</sup>86]. **1987** [Cra87a, Cra87b]. **1993** [BCEP94]. **1994** [BC95].

**2003** [FDKN04]. **2A** [KGY80]. **2B** [KGRY81]. **2C** [KRYG82a, KRYG82b, KORY84]. **2D**

**A.** [You62a]. **Abstractions** [SDK<sup>+</sup>95].  
**Academic** [Anoxx, You62a, ACH<sup>+</sup>68].  
**Accelerated** [HYS76, KGY80, KGRY81, KRYG82a, KRYG82b, You77, You74].  
**Accelerating** [YJK84]. **Acceleration** [HLY80, MY89, YM14, YJ80, JY88].  
**accuracy** [YM69]. **ACM** [Cra87a, ACH<sup>+</sup>68, CHK<sup>+</sup>65]. **Adapting** [KY81, KOY82, KY83]. **Adaptive** [GKMY78, KGMY79, KGY80, KGRY81, KRYG82a, KRYG82b, MY89, JY88].  
**adjoint** [EGRS59a]. **Advanced** [CKO<sup>+</sup>84, FDKN04, Gra73, KCO<sup>+</sup>84].  
**Advances** [VS79, VS84, Anoxx]. **Algebra** [BD92, You60b, D<sup>+</sup>86]. **algebraic**

[Rhe72, You72c]. **algorithm**  
 [Bro87, CYB90, KRYG82a]. **Algorithms**  
 [Car88, GKMY78, JY86, KGMY79, KY81, KY83, MY87, JY87, YJM86]. **Alt** [Anoxx].  
**Alternating** [YW63, YW64, YK95, YK96].  
**alternating-type** [YK95, YK96].  
**Alternative** [YC94]. **American** [Cur56].  
**Analysis** [ALY88, BC95, Bec52, Lak84, Tod62, VWY01, You58, You61b, You73b, Cur56, SSY05]. **Angeles** [Bec52].  
**Applications**  
 [FDKN04, Gar83, VWY01, Whi76, ISV82, Bec52, NOY01, RSY93, Car88]. **Applied**  
 [Cur56, HY81, HY04, You97]. **Approach**  
 [TTY88]. **architecture** [SDK<sup>+95</sup>].  
**Architectures** [CKO<sup>+84</sup>, KCO<sup>+84</sup>].  
**Arising** [You76]. **Arlington** [Lak84].  
**August**  
 [BC95, D<sup>+86</sup>, ES84, FDKN04, Gra73].  
**Austin** [KH90]. **Automatic** [MY89].  
**Automonitor** [You61a].

**Based** [TTY88]. **Bayesian** [SSY05].  
**Bethlehem** [VS79, VS84]. **Biconjugate**  
 [YC94]. **Binomial** [YTS89]. **Birkhoff**  
 [You97]. **Blood** [TTY88]. **Book**  
 [Anoxx, You53b, You62a, You93a]. **Boston**  
 [D<sup>+86</sup>]. **bound** [You71]. **Boundary**  
 [EGRS59a, You74]. **brief** [KY88]. **Bulgaria**  
 [BC95, VWY01]. **Bureau** [Bec52].

**C376** [CYB90]. **Calculus** [TTY88]. **Calif**  
 [BS84]. **California** [Bec52]. **Carolina**  
 [BCEP94]. **case** [YT01]. **CBMS** [Rhe72].  
**CDC** [KY83]. **Celebrating** [Kin04].  
**Centenary** [BCEP94]. **Center** [Gar83].  
**Certain** [HLY80]. **Chebyshev**  
 [JY88, MY89, RSY93]. **Class**  
 [KY75, YK95, YK96]. **Colloquium** [BC95].  
**Colorado** [SRS79, ISV82]. **Combining**  
 [CKO<sup>+84</sup>, KCO<sup>+84</sup>]. **Committee**  
 [ACH<sup>+68</sup>, CHK<sup>+65</sup>]. **common** [NOY01].  
**Comparisons** [HTY87]. **complementary**  
 [SSY05]. **Computation**

[Cra87a, EGRS59a, Ral65, YM69, ???85].  
**Computational** [Ode75]. **Computations**  
 [KOY84, KOY86a]. **Computer**  
 [BHK79, CKO<sup>+84</sup>, KY75, KOY82, KCO<sup>+84</sup>, SW86, VS79, VS84, You61a, YF62, YF63, ACH<sup>+68</sup>, CHK<sup>+65</sup>]. **Computers**  
 [Anoxx, YHOK85]. **Computing**  
 [Nas90, NN93, You93a, You93b].  
**Conditions** [JY86, JY87]. **Conference**  
 [BCEP94, Cra87a, D<sup>+86</sup>, ES84, FDKN04, Lak84, Rhe72, SW86, VWY01, ???85, ???89, Wat74]. **conformal**  
 [Bec52, BYZ51, BYZ53, You52]. **Congress**  
 [Mor70]. **Conjugate**  
 [JY83, JY86, YJ80, JY87, YJM86].  
**Conjugate-Gradient** [JY83, JY87].  
**connected** [BYZ51]. **consistency** [You72b].  
**consistent** [You72a]. **Construction**  
 [Bec52]. **Conte** [???89]. **Control**  
 [Gar83, D<sup>+86</sup>, YM69, You61a].  
**Convergence** [JY53, You69, You70].  
**Cornelius** [BCEP94]. **Corporation**  
 [Gar83]. **covariance** [CYB90, YT01]. **Cray**  
 [Cra87b]. **Curriculum**  
 [ACH<sup>+68</sup>, CHK<sup>+65</sup>, ACH<sup>+68</sup>]. **CYBER**  
 [Gar83, KY83].

**D** [???89]. **Dallas** [SW86]. **Data**  
 [Gar83, HTY87, STY87, SSY05, You61a].  
**David** [AK10, Kin04]. **December**  
 [BCEP94]. **dedicated** [AK10, RSY93].  
**Definite** [You53a, You72c]. **Degree**  
 [KY91, YK90, KY92, YK72, You72d, YK93].  
**Denver** [SRS79]. **departures** [CYB90].  
**Derived** [You75]. **Determination**  
 [MY89, WY70]. **determine** [You52].  
**Developed** [KY81]. **Development** [KY75].  
**Difference** [JY53, KY86, YE59, YW63, You63, YW64, You54]. **Differential**  
 [CKO<sup>+84</sup>, KY75, KCO<sup>+84</sup>, KY84c, KOY86b, VS79, VS84, Wat74, You59, YF62, You63, YF63, YD65a, YD65b, You75, YK84b, Gra73, You50, You53b, You62b, YK85, You93a, You93b]. **Diffusion** [JY53].

**Digital** [Ral65]. **Direction** [YW63, YW64].  
**Dirichlet** [You55]. **Discrete**  
[YD65a, YD65b]. **Discussion**  
[YK84a, YM69]. **displaying** [STY87].  
**distances** [Bro87]. **Distribution**  
[YTS89, YT01]. **domains** [BYZ51]. **Dr.**  
[KVW10, ???89]. **Dual** [MY89]. **Dundee**  
[Wat74].

**Edinburgh** [Mor70]. **eds** [Anoxx]. **Effective**  
[BYZ51]. **effectiveness** [JY88]. **Efficient**  
[KY83]. **Eigenvalues** [EGRS59a]. **Element**  
[CKO<sup>+</sup>84, KCO<sup>+</sup>84, You76]. **Elements**  
[Whi76]. **Elliptic** [RB85, Sch81, You59,  
YE59, YF62, YF63, You75, You50, You54,  
You62b, You74, YXB95, BS84]. **ELLPACK**  
[RB85]. **Encyclopedia** [BHK79]. **Engineer**  
[Bec62]. **Engineering** [Ame64, Cra87b].  
**ENUMATH** [FDKN04]. **Equation**  
[JY53, You61b, YW53]. **Equations**  
[CKO<sup>+</sup>84, FEY61, KY75, KCO<sup>+</sup>84, KY84c,  
KOY86b, VS79, VS84, Wat74, You59, YE59,  
YF62, YW63, You63, YF63, YW64, You75,  
YK84b, Gra73, JY88, NOY01, Rhe72, You50,  
You54, You62a, You62b, You72c, You73a,  
YK85, You93a, You93b, YXB95, You53b,  
You62a]. **Equivalence** [HLY80]. **Error**  
[Ral65, You58]. **European** [FDKN04].  
**Exact** [You61b]. **exceeding** [YM14].

**Factor** [WY70, You71]. **Factors**  
[YWD65, YM14]. **Fall** [SW86]. **False**  
[You58]. **February** [SRS79]. **fifth** [VS84].  
**Fifty** [Kin04]. **Finite** [CKO<sup>+</sup>84, KCO<sup>+</sup>84,  
KY86, Whi76, You63, You76]. **Fixed**  
[YK71, KY72]. **Flight** [Gar83]. **flows**  
[You52]. **FORTRAN**  
[KRYG82a, KGY80, KGRY81, KRYG82b].  
**Franz** [Anoxx]. **free** [You52]. **Frontal**  
[Duf89]. **Future** [KY84a, KHY94a].

**Garrett** [You97]. **Gene** [You93b]. **general**  
[NOY01]. **Generalizations**  
[CKY99, You72a]. **Generalized**

[JY83, JY86, YJ80, JY87, KCY01].  
**generated** [YXB95]. **generating** [CYB90].  
**GMRES** [CKY99, KCY01, KYC03].  
**Goddard** [Gar83]. **Golub** [You93b].  
**Gradient**  
[JY83, JY86, YJ80, YC94, JY87, YJM86].  
**graphical** [HTY87]. **graphs** [STY87].  
**group** [YT01]. **Guide**  
[GKY78, KORY84, KOY89].

**H** [You93b]. **held**  
[Bec52, Gar83, Gra73, Lak84, VS79, VS84].  
**Helmholtz** [You61b]. **High** [You88].  
**Historical** [You89, You90, You87]. **History**  
[Cra87a, Nas90]. **honoring** [???89].  
**Householder** [Bro87]. **HSNC'87** [Cra87a].  
**Hydrodynamic** [FEY61].

**IFIP** [ES84, Mor70]. **II** [BS84, Whi76]. **III**  
[VS79]. **IMACS** [VS79, VS84].  
**Implementation** [KGY80, YK95].  
**Independence** [YT01]. **Inequality**  
[YTS89]. **INFOMART** [SW86].  
**Information** [Mor70]. **Institute**  
[Bec52, Gra73]. **Interfaces** [ES84].  
**International** [BC95, BCEP94, Lak84,  
VS79, VS84, VWY01, ISV82, Cra87b].  
**Interpolation** [You60a]. **introduction**  
[You93a, You93b]. **Involving** [You61b].  
**issue** [AK10]. **Iteration**  
[MY89, You61b, ALY88, You56]. **Iterative**  
[BD92, CKO<sup>+</sup>84, EGRS59a, GKMY78,  
HLY80, HY81, HY04, KY75, KGMY79,  
KY79, KGY79, KYG79, KGY80, KY81,  
KGRY81, KRYG82a, KRYG82b, KY83,  
KCO<sup>+</sup>84, KY84c, KOY86b, KCSY88a,  
KCSY88b, KY91, MY87, You50, You54,  
YE59, You71, You75, You76, YJ80, YK84b,  
You88, You89, You90, You03, CKY99, KY92,  
KCY01, KYC03, YM14, You72b, You72d,  
YJK84, YK85, You87, YR92, YXB95, YK96,  
KH90]. **ITPACK**  
[GKMY78, GKY78, KGMY79, KGY80,  
KGRY81, KRYG82a, KOY82, KRYG82b,

KY84a, KY84b, KORY85, KY88, KHY94a, KHY94b, YK81, YK84a]. **ITPACKV** [KORY84, KOY89].

**Jacobi** [YM14]. **James** [You93b]. **January** [SRS79]. **Jersey** [Cra87a]. **Joint** [SW86, YT01]. **Jr.** [AK10, KVV10]. **July** [Rhe72]. **June** [Bec52, Lak84, VS79, VS84, VVY01].

**Kjeller** [Gra73]. **Kolmogorov** [YTS89].

**L** [Anoxx, RSY93]. **LAN** [KYC00]. **LAN/MGMRES** [KYC00]. **Lanczos** [BCEP94, JY93]. **Lanczos-type** [JY93]. **LANGMRES** [YC94]. **Lanham** [Gar83]. **Laplace** [YW53]. **Laplacian** [ALY88]. **Large** [HYS76, KGY79, KYG79, KGY80, KGRY81, KRYG82a, KRYG82b, KY83, KCSY88a, KCSY88b, MY87, You71, YK72, You77, YK81, YK90, YC94, KH90, You72d, You72c, YJM86, YR92, YK93, You03]. **least** [Bro87]. **Lecture** [Ode75]. **Lehigh** [VS79, VS84]. **Level** [You88]. **life** [KVV10]. **Linear** [BD92, D<sup>+</sup>86, HYS76, JY83, KGY79, KYG79, KGY80, KGRY81, KRYG82a, KRYG82b, KY83, KOY84, KOY86a, MY87, You53a, You60b, You71, YK72, You75, You76, You77, YK81, YHOK85, You88, YK90, YK93, YC94, JY88, JY93, KH90, KYC00, Lak84, You56, You72b, You72d, You72c, You73a, YJM86, YR92, You03, D<sup>+</sup>86].

**M** [AK10, Kin04, KVV10, You62a, You93b]. **mapping** [BYZ53, You52]. **maps** [Bec52]. **Maryland** [Gar83]. **Massachusetts** [D<sup>+</sup>86]. **Mathematical** [Cur56]. **Mathematics** [Bec62, Cur56, FDKN04, Mor70, Ode75, Whi76, YG72, YG73, YG88a, YG88b, You97]. **Matrices** [You53a, CYB90, You72c]. **matrix** [NOY01]. **May** [Cra87a]. **Mechanics** [Ode75]. **memory** [AK10, RSY93]. **Mesh** [KY86]. **Method**

[HYS76, KY71, Kin04, WY70, You53a, You58, YB60, You61b, YWD65, YK71, You77, YC94, CKY99, KY72, KCY01, KYC03, YM14, YW53, You71, You74].

**Methods** [BD92, CKO<sup>+</sup>84, Car88, EGRS59a, HLY80, HY81, HY04, JY83, KY75, KY79, KGY79, KYG79, KGY80, KGRY81, KRYG82a, KRYG82b, KCO<sup>+</sup>84, KY84c, KY86, KOY86b, KY91, VS79, VS84, VY89, WY70, YE59, You60b, YF62, YW63, You63, YF63, YW64, You69, YK69, You70, YK72, YJ80, YK84b, You89, You90, YK90, BYZ53, Duf89, HTY87, JY93, KH90, KY92, KYC00, You50, You54, You72b, You72d, YJK84, YK85, You87, YR92, YK93, You93b, YXB95, YK95, YK96, You93a]. **MGMRES** [KYC00]. **Milne** [You53b]. **Minneapolis** [Cra87b]. **Minnesota** [Cra87b]. **misclassification** [SSY05]. **Modern** [Bec62, You73b]. **modifications** [CKY99]. **Modified** [YWD65, YK71, KY72]. **Modules** [ES84, KORY85]. **Monterey** [BS84]. **Morris** [Anoxx]. **Muller** [YB60]. **multidimensional** [Bro87]. **multifrontal** [Duf89]. **Multilevel** [VY89]. **multivariate** [HTY87, STY87, YT01].

**NAA** [VWY01]. **NASA** [Gar83]. **National** [Bec52]. **NATO** [Gra73]. **Necessary** [JY86, JY87]. **Non** [Lak84]. **Non-linear** [Lak84]. **Nonlinear** [Ame64, You75, Rhe72]. **nonstationary** [YK95]. **Nonsymmetric** [KY81, YC94, JY93, KYC00]. **Nonsymmetrizable** [JY83, YJ80, YJK84]. **Norms** [KY71, YK69]. **North** [BCEP94]. **Norway** [Gra73]. **Note** [YTS89]. **Notes** [Ode75, You60a, YB60]. **November** [SW86]. **NSF** [Rhe72]. **NSF-CBMS** [Rhe72]. **number** [YM69]. **Numeric** [Cra87a]. **Numerical** [BC95, Bec52, BYZ53, FDKN04, FEY61, Tod62, Wat74, You53b, You59, YE59, You60b, You63, YG72, You73b, YG73, YG88a, YG88b, YW53, You62b, YM69, You93a, You93b, Cur56, FDKN04,

Gra73, Rhe72, VWY01].

**October** [Gar83, KH90]. **Omega** [YM90]. **one** [RSY93]. **Operators** [YD65a, YD65b]. **Optimum** [WY70, You71]. **Order** [JY53]. **Ordering** [KY86, You72a]. **ORDVAC** [YW53, You55]. **Ortega** [You93b]. **Ostrowski** [You62a]. **Overrelaxation** [KY71, Kin04, WY70, YWD65, You69, YK69, You70, YK71, EGRS59b, KY72, You71]. **Overview** [You89, KYC00].

**P.** [RSY93]. **PA** [Rhe72]. **Package** [KY75, KGRY81, KRYG82a, KRYG82b, KY84b, YK81, YK84a]. **papers** [Cra87a, VWY01]. **Parabolic** [You59, YF62, YF63, You62b]. **Parallel** [KCSY88a, KCSY88b, VY89, YK95, ???85, YK96, Car88, NN93]. **Parallelism** [You88]. **Parameter** [You61b]. **Parameters** [MY89, YK71, KY72, SSY05]. **Partial** [CKO<sup>+</sup>84, KY75, KCO<sup>+</sup>84, KY84c, KOY86b, VS79, VS84, You59, YF62, YW63, You63, YF63, YW64, YD65a, YD65b, You75, YK84b, Gra73, You50, You54, You62b, YK85]. **Past** [KY84a, KHY94a]. **PDE** [ES84, ES84, KGY79, KYG79, KCSY88b]. **PDE-Related** [KGY79, KYG79]. **PDEs** [KCSY88a]. **Peaceman** [You61b]. **Pennsylvania** [VS79, VS84]. **Periodically** [YXB95]. **Pittsburgh** [Rhe72]. **Plovdiv** [BC95]. **point** [ALY88]. **Points** [KY86]. **Poisson** [SSY05]. **Polyhedron** [STY87]. **polynomials** [RSY93]. **Position** [You58]. **Positive** [You53a, You72c]. **pp** [You53b, You62a]. **pp.** [Anoxx]. **Practice** [Lak84]. **Prague** [FDKN04]. **Preconditioned** [YJM86]. **Preface** [AK10]. **preliminary** [CHK<sup>+</sup>65]. **Present** [KY84a, KHY94a]. **presented** [Cra87a]. **preserving** [YT01]. **Press** [Anoxx, You62a]. **Princeton** [Cra87a]. **Priori** [WY70]. **Problem** [BS84, Sch81, TTY88, You55]. **Problems** [Ame64, EGRS59a, RB85,

You60b, You61b, You74]. **Proc** [Mor70].

**Procedure** [MY89]. **Proceedings** [Bec52, Cra87b, Cur56, D<sup>+</sup>86, ES84, FDKN04, Gar83, Gra73, Lak84, SW86, VS79, VS84, ???89, Cra87a, BC95, BCEP94, ISV82, ???85]. **Processing** [Mor70, ISV82, NN93]. **Processors** [???85]. **program** [CHK<sup>+</sup>65]. **programs** [ACH<sup>+</sup>68]. **Project** [KY84a, KY88]. **Properties** [You69, You70]. **property** [You72a]. **Purdue** [???89].

**Rachford** [You61b]. **Raleigh** [BCEP94]. **range** [YM69]. **rate** [SSY05]. **rational** [YR92]. **recommendations** [CHK<sup>+</sup>65, ACH<sup>+</sup>68]. **Rectangle** [You61b]. **Recurrences** [KY91, KY92]. **Refined** [EGRS59a]. **Regional** [Rhe72]. **Related** [KGY79, You69, You70, KYG79]. **Relaxation** [WY70, YWD65, YM14, You71]. **Report** [GKMY78, ACH<sup>+</sup>68, CHK<sup>+</sup>65]. **representation** [NOY01]. **Representations** [YD65a, YD65b]. **representing** [HTY87]. **Reservoir** [SRS79]. **Review** [Anoxx, You53b, You62a, You90, You93a, KY88, You87]. **Revised** [VWY01]. **Richardson** [You53a, YW53]. **Rousse** [VWY01]. **Routines** [KOY82]. **Rubinoff** [Anoxx].

**S** [???89]. **scaling** [Bro87]. **scheduled** [YM14]. **science** [ACH<sup>+</sup>68, CHK<sup>+</sup>65, ACH<sup>+</sup>68, CHK<sup>+</sup>65, Cra87b]. **Sciences** [BHK79]. **Scientific** [Cra87a, Nas90, You93b, ???85, NN93, You93a]. **Search** [You88, YM90]. **Second** [Bec62, KY91, VWY01, YK72, You72d, YK90, KY92, YK93]. **Second-Degree** [KY91, YK90, YK72, You72d, KY92, YK93]. **Self** [EGRS59a]. **Self-adjoint** [EGRS59a]. **Seminar** [Gar83]. **September** [Cra87b]. **Series** [Bec62]. **Several** [YWD65, HTY87, RSY93]. **signals** [D<sup>+</sup>86]. **Simplification** [JY83, JY86, JY87]. **simply** [BYZ51]. **Simulation** [SRS79]. **Single**

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