A Bibliography of Publications of Iain S. Duff

Iain S. Duff
Rutherford Appleton Laboratory

Chilton, Oxon
UK

Tel: +44-235-445803
FAX: +44-235-446626

E-mail: isd@letterbox.rl.ac.uk (Internet)

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Abstract

This bibliography records publications of Iain S. Duff.

Title word cross-reference

A^{-1} [ADLR15]. **LU** [DD92a, DD90b, DD91]. **QR** [ADP94]. LDL^T [ADGP07, DHL20]. LU [DD94a, DD97b]. $O(n^{1/2}\tau)$ [DW88]. P^4 [DAGR87, ADGR90]. P^5 [DAGR87, ADGR90]. QR [ADP96].

1 [DR82a, Duf82b, Duf82c, Duf84g]. **10P** [ADD89a, ADD92, DD88, DD89]. **11th** [Duf81i]. **14th** [Ame94]. **15th** [GW94]. **1978** [DS79]. **1979** [GL80]. **1981** [Hen82, TH82, Wat82]. **1982** [PR83]. **1983** [ESY84, Kow84]. **1984** [DR85a]. **1986** [IP87, PA88]. **1987** [Duf88c]. **1988** [CRQR89, Duf89f, ES89]. **1989** [Ano89, DG89, DMSV90, EJP90]. **1990** [Duf91b]. **1991** [Ano91, FF93]. **1993** [Duf94a, GW94]. **1994** [MC95]. **1995** [Duf96a, PB96]. **1996** [DGDG97a]. **1997** [Duf98b]. **1999** [Duf00a]. **1st** [DFT95, HPP88].

2 [ADD89a, ADD92, DD87a, DD88, DD89, DD90a, DD90b, DD91, Duf88b, DV98a]. **200/VF** [DD88, DD89]. **2000** [ACM00, vdVDE+02]. **2001** [Ano01, Duf02a]. **2002** [vdVDE+03]. **2003** [Duf04b]. **2008** [BBD+11, TCJ+10]. **2010** [TBC+11]. **2e** [AG80]. **2nd** [AG80, BBD+11, DR85a].

3 [DDP94]. **3090** [ADD89a, ADD92, DD88, DD89, DD90a]. **3090-200** [DD88, DD89]. **3090-200/VF** [DD88, DD89]. **31-September** [ABD+99].

5th [ABD+99, SMMG01, WDPW04].

70th [DW91].

8 [Duf87d, Duf89e, Duf90a]. **80** [ADD89a, ADD92, DD90a, DD90b, DD91]. **818** [DV02a]. **837** [ADD04].

'90 [Sup90, Jap90]. **92-VAPP** [BCRT92]. **'94** [Ame94, DW94]. **95** [DV98a, DVY00, DV01a, DV02a, DV02b]. **'96** [DP97]. **'99** [Ano99]. **9th** [Duf81i, Wat82].

= [AG80].

A. [DW91]. **Aachen** [HHJ+86]. **academia** [SMMG01]. **accelerating** [ADRS91, ADRS92a, ADRS92b, ADRS95]. **accurate** [DM11]. **Adapting** [ADPV03a, ADPV03b]. **added** [Duf74a]. **Addressing** [DD86a]. **Advanced** [DD86b, DD87b, DD92b, DD94d, KP87, Kow84, PB96, Duf84j, DK86, PB96]. **advances** [Jes87]. **Aérospatiale** [DDLG92, DDLG93]. **Aided** [DJKL92]. **airplane** [DDLG92, DDLG93]. **al.** [DAGR87]. **Alan** [Duf84a]. **Algebra** [ADDM95, BDD+01, BDD+02, DCDH88, DDDH89, DCHD90a, DCHD90b, DDSv98, DDS00, DMRV95, DGDG97a, DMRV97, DGDG97b, Duf97, DV98a, DHP02, ADD89a, ADD91, ADD92, ADDM92b, ADDM92a, ADDM93, BDRS12, BD15, CDG95, CDG96, DCDH87, DLLT87, Duf96c, vdVV90, DMRVxx, Lew94]. **algebraic** [Spe91]. **Algorithm** [ADD96, DDN20, DCHD90a, DR78a, DR78b, Duf81b, DAGR87, DV02b, ADD95, ADD04, ADRU08, DDR93, DDR94, DDG+15, Duf90b, LLH+16, ADD04, DV02a]. **Algorithms** [ADGR90, DH92, DDS00, Duf81g, Duf87a, DW88, DK99a, DBGvdV02, Duf12, DGdSU12, HHJ+86, MC95, vdVBDP01, ADD+94b, Ano89, APSS98, ADNR90b, Car89, CRQR89, Duf85c, Duf89g, DRS89, Duf91c, DK97a, DK99b, DK01, DKU11, ES89, LLH+17, Spe91, vdVV90, MC95]. **ALLIANT** [DD90a, ADD89a, ADD92, DD90b, DD91, Duf87d, Duf89e, Duf90a]. **AMD** [ADD04]. **Analysis** [ADLL00, ADLL01c, ADLL01d, ADGS10, Duf72, Duf81i, Duf86a, Duf88c, Duf89f, Duf91b, Duf94a, Duf96a, Duf98b, Duf00a, Duf02a, Duf04b, IP87, THDC09, Ade92, DW97, DKU11, GW94, Hen82, NN94, VWY01, Wat82]. **Andrews** [KP87]. **application** [Ano89, Duf04a]. **Applications** [DP97, Duf81i, FF93, Jap90, BBC+99, Car89, CDG00a, DS97b, DS99b, DS99a, Eva85, ES89, SAD+00, VWY01]. **Applied** [Ame94, DDGM89, GL84, Lew94, WDPW04, GL80, SMMG01]. **Approach** [ADd89f, ADGS10, Duf83c]. **approaches** [ADLL01a, Duf79c, DK91]. **Approximate** [ADD96, CDGS03, CDGS05, ADD95, ADD04]. **April** [DGDG97b, IP87, PB96]. **Architecture** [DD87b, DD86b, DD92b, DD94d]. **Architectures** [Duf89a, PB96, ADL98c, ADLL01a, ADPV03a, ADPV03b, MC95]. **areas** [Duf04a]. **arising** [ACD+03, DS99b]. **arithmetic** [DLLT87]. **Art** [IP87, DW97, Spe91]. **Assignment** [DW88]. **Asynchronous** [ADLK01b, ADV05, ADLK99, ADV02, ADV04]. **Athens** [HPP88]. **Atlanta** [Ame94]. **Augmented** [ADd89f, DGRZ15, BDG94, Duf93b, DGP94, Duf94c]. **August** [ABD+99, DR85a, DR85b, ESY84, EJP90, KP87, MMO90, MC95, PA88]. **Austria** [PA88]. **avions** [DDLG92, DDLG93].

Backward [ADD88, ADD89e, AD09]. **Barcelona** [PB96]. **Based** [Duf81i, CDL20, CDS97, CDS98, DRV04, DGPV07, DK13, FF93]. **Basic** [DDDH89, DMRV95, DMRV97, DV98a, DMRVxx, DHP02, DCDH87, BDD+01, BDD+02, DCDH88, DCHD90a, DCHD90b]. **Basis** [AD15]. **BBN** [ADDM92b]. **Belgium** [MC95]. **Bergen** [SMMG01]. **bibliography**

[Duf99c, Duf99a]. **biennial** [Wat82]. **bilan** [DDLG92]. **Biography** [Duf10]. **Birmingham** [IP87]. **Birthday** [DW91]. **BLAS** [BDD+02, ADD89d, ADD89c, BDD+01, DD88, DD89, DD90a, DD90b, DD91, DDP93, DDP94, DD96a, DD97d, DD99b, DH92, DDCH89, DMR92, DVY00, DV01a, DHP01, DV02a, DV02b, DHP02, Hig90]. **Block** [ADRS92a, ADNR92, ADDR95b, DDP94, DH92, DR78a, DR78b, DU10, DGRZ15, ADNR90c, ADNR90a, ADDR95a, ADDR95c, DDP93, DDR93, DDR94, DDG+15, Duf77b, DS04a, DS05b, ADNR90b, ADRS91, ADRS92a, ADRS92b, ADRS95]. **Blocked** [DD99b, DD96a, DD97d]. **Boeing** [DGL92, DGL97]. **Bonas** [CRQR89]. **Book** [Duf84a]. **bordered** [DS04a, DS05b]. **boundary** [ACD+03]. **Breeding** [Ano99]. **brief** [Duf99c, Duf99a]. **Bulgaria** [VWY01].

CA [B+95]. **cache** [CDS97, CDS98]. **cache-based** [CDS98]. **calcul** [ADD94a, ADD97]. **calculateurs** [ADD94a]. **Calculations** [ADDM95, CDGS03, CDGS05, DD87a, ADDM92b, ADDM92a, ADDM93, ACD+93, DDLG92, DDLG93, DGLM03, DGLM05]. **Calculators** [Duf85a]. **calculs** [DDLG92, DDLG93]. **Capital** [PB96]. **Caracas** [PR83]. **Catherine** [FF93]. **Cattle** [Ano99]. **Center** [ACM00, Duf89b, Sup90]. **Centers** [Duf89b]. **CERFACS** [DGDG97a, ADD94a, DD94b, Duf89b, Duf90b, Duf90c]. **CERFACS-ENSEEIHT** [ADD94a]. **Change** [DS05a]. **Chateau** [CRQR89]. **Chicago** [DMSV90]. **Cholesky** [CDL20, DHL18, DL18]. **Cimmino** [ADNR90b, ADRS91, ADRS92a, ADRS92b, ADRS95, DDG+15, DGRZ15]. **circuit** [DK91]. **Class** [BDW99, BDW01, CDG02, CDG03, PDW05]. **clusters** [ADPV03a, ADPV03b]. **Cocoyoc** [Hen82]. **Code** [AD89, DD97c, DR79b, DJ86, Duf87d, DR95b, ADD94a, ADD97, DD96b, Duf84b, Duf84c, Duf89e, DRS89, Duf90a, DR93, DS93b, DR94, DR96a, DS96a, DS97b, DS99b, DS99a, Duf02c, Duf04c, Duf95]. **Codes** [Duf79b, DR82a, ADD94a, DD94c, DD95b, DR79a]. **Collection** [DGL92, DGL97]. **College** [FF93]. **collision** [BBC+99]. **Combinatorial** [DU12]. **combined** [DD95a, DD97a, DD99a]. **Combining** [CDGS03, CDGS05, Duf04a]. **Comments** [Duf84b, Duf85b, Duf88a]. **communications** [ADLL03a, ADLL03b]. **comparative** [ADLL01a]. **comparison** [ADLL00, ADLL01c, ADLL01d, DR74, DR76, DS96c, DS97a, DS98]. **Comparisons** [Duf79b]. **Complex** [Duf81f]. **Computation** [Ame94, ADLR15, CH90, DP89, DP90, Duf90c, FF93, Kow84, PA88, Duf82d, Duf89b]. **Computational** [Ano99, DD97c, DR85a, DR85b, ADD89b, ADD94a, DD96b, PB96, PT99, KP87]. **computations** [CCF96, DLLT87]. **Computer** [ADDM95, DJKL92, PB96, Spe91, ADDM92a, ADDM93, CDS97, CDS98, DK86, Duf84a]. **Computers** [DD86a, DD87b, DDSv91, DDSv98, Duf86b, Duf86c, ADD94a, ADLL00, ADLL01c, ADLL01d, Ano89, DDLG92, DDLG93, DD94c, DD95b, DD86b, DD92b, DD94d, Duf82d, Duf84j, DK86, Duf87c, Duf87f, Duf92, Duf94d, DLN18, Per92]. **Computing** [ACM00, ADL+12, Ano01, ACD+93, ADDR95b, B+95, DDGM89, DMSV90, DKM+92, DG86, DS91, DS92, DS93a, DS95, Duf99d, EJP90, GL80, GL84, PA88, THDC09, ADD97, ADDR95a, ADDR95c, BD15, DG89, DE87, DW94, DH90, Duf00b, ES89, Rod89, SMMG01, GL80, AGS+99, NN94]. **Computing/Numerical** [THDC09]. **concurrency** [DJ89]. **condensed** [DR75]. **Conference** [ABD+99, Ano01, BBD+11, B+95, BCRT92, DMSV90, DKM+92, DP97, Duf81i, DR85a, DR85b, ESY84, Fos79,

GW94, HHJ+86, HPP88, IP87, Jap90, Lew94, MMO90, VWY01, WDPW04, EJP90, FF93, TH82, Wat82, TCJ+10, TBC+11, vdVDE+01, vdVDE+02, vdVDE+03]. **Congrès** [AG80]. **Congress** [AG80, Ame94]. **Conjugate** [Duf79a, DDR93, DDR94, DM89]. **CONPAR** [BCRT92, HHJ+86]. **constrained** [ACD+93]. **construction** [Duf79d]. **Convention** [ACM00]. **convergence** [GD11]. **Copper** [TCJ+10, TBC+11, vdVDE+02, vdVDE+03, vdVDE+01]. **Core** [ADL+12, ADGR90, Duf84c]. **Correction** [Duf83a]. **Corrigendum** [DS95]. **CRAY** [CRI82, ADD89a, DD87a, DD89, DD90a, DD90b, DD91, Duf82b, Duf82c, Duf84g, Duf88b, ADD92, DD88, DR82a]. **CRAY-1** [CRI82, Duf82b, Duf82c, Duf84g, DR82a]. **CRAY-2** [ADD89a, DD87a, DD89, DD90a, DD90b, DD91, Duf88b, ADD92, DD88]. **creuses** [ADL98c]. **Criteria** [ADR92, ADR91]. **Current** [DH90, Duf79c]. **Czestochowa** [WDPW04].

Dallas [ACM00]. **dans** [AG80, ADD97]. **Data** [Duf85c]. **December** [DMSV90, Duf88c, Duf89f, Duf91b, Duf94a, Duf96a, Duf98b, Duf00a, Duf02a, Duf04b, GL80, GL84]. **Decomposition** [ADGP07, CDG95, CDG96]. **Dedication** [GDM87]. **Definite** [Duf84a, DS97b, DS99b, DS99a, Duf04c]. **Degree** [ADD96, ADD95, ADD04]. **Denmark** [DW94]. **dense** [ACD+03, CDG00a, CDG00b, CDG01, CDGmM01, CDGmM02, CDGmM04, DV00, DV01b, DV02c]. **Design** [DDN20, DD97c, DR79b, Duf84c, DK99a, DKU11, DD96b, Duf81c, DR96a, DS96a, DK97a, Duf09, Duf95]. **Designing** [ADD91]. **Developing** [THDC09, DD94c, DD95b]. **Development** [ADD94a, Cow84, DDGM89, DvdV99]. **Developments** [Dv99, Duf80b]. **Développement** [ADD94a]. **Devoted** [BBD+11]. **Diagonal** [Duf81b, DK99a, DR95a, DR96b, DK97a, DK99b, DK01, DS04a, DS05b]. **different** [Duf04a]. **dimensional** [DGPV07]. **Direct** [BD80, DD86a, DRMN79, Duf84d, DER86, DER89, Duf89c, DR95b, Duf96c, DGDG97a, DER97, DGDG97b, Duf97, Duf98a, Duf02b, DER17, ADPV03a, ADPV03b, Duf93a, DR93, DR94, DR95a, DS96c, DR96a, DR96b, DS97a, DS98, DS02, Duf04a, DS04b, Duf09, DLN18, Duf95]. **direction** [ACD+93]. **Directions** [DDS00, Duf84e]. **Dissection** [DER76]. **distribuée** [ADL98c]. **Distributed** [ADLK01b, ADV05, DGRZ15, ADL98d, ADL98c, ADLK99, ADLL00, ADL00, ADLL01c, ADLL01d, ADLL01a, ADLK01a, ADLL01e, ADLL01b, ADV02, ADV04, CRQR89, DDR93, DDR94]. **distributed-memory** [ADL98c]. **division** [DDLG92, DDLG93]. **domain** [CDG95, CDG96]. **domaine** [ADD97]. **d'ordinateurs** [DDLG92, DDLG93]. **Dundee** [GW94, Wat82]. **Dynamic** [ADLK01b, ADLK99].

Editorial [CDH+97b, DW91, DW+93]. **Editorship** [DS05a]. **Effect** [DJ86, DM89]. **Efficient** [ACD+03, ADD89a, ADD92, DD97c, DP89, DP90, DD96b, DM11]. **Eigenvalues** [DS93a, DS95, DS91, DS92]. **electromagnetic** [CDG00a, DGLM03, DGLM05]. **electromagnetics** [CDG00b, CDG01]. **Electromagnetism** [CDGS03, CDGS05, ACD+03, CDG00d, CDG00c, CDGmM01, CDGmM02, CDGS04, CDGmM04]. **Element** [PB96, ACD+03, DS97b, DS99b, DS99a, DM11, SD04]. **elimination** [CDJ96b, CDJ98, DR74, Duf74a, Duf81d, Duf82a, DEGR88, DS94a, DS94b]. **elliptic** [Duf82e]. **embedded** [CDGS04]. **Engineering** [CRI82, DJKL92, GL84,

AG80, Ade92, GL80, LP90]. **Enhancements** [Duf83b]. **ENSEEIHT** [ADD94a]. **Entries** [ADL+12, ADLR15, DK99a, DK97a, DK99b, DK01]. **Environment** [ADP96, ADL98a, ADLP98, ADLP99, ADL+12, DGLR87, ADP94, ADNR90b, DD90a, DD91, DGLR90]. **Environments** [ADDR95b, Ano89, ADDR95a, ADDR95c]. **Equation** [Duf81f]. **Equations** [Duf81f, Duf82b, Duf82c, Duf84g, Duf86e, Duf86b, Duf86c, Duf91a, DS96b, ADD89b, ADD89d, ADD89c, AD94, ADD+94b, AD96, ADLL01a, ADNR90c, DR76, Duf77a, DRMN79, Duf79c, Duf80a, Duf80b, Duf81c, DR82b, Duf82d, Duf83b, Duf83c, Duf84d, DR84, Duf85b, Duf87c, DNR87, Duf87f, Duf88a, DR93, DR94, Duf94d, DR96a, Duf99c, Duf99a, DM11, GD11, Duf95, Spe91]. **Erisman** [DAGR87]. **Errata** [DR83a]. **Error** [ADD88, ADD89e]. **ESCAPE** [DJKL92]. **estimation** [DV00, DV01b, DV02c]. **ETA** [ADD89a, ADD92, DD88, DD89]. **ETA-10P** [ADD89a, ADD92, DD88, DD89]. **étape** [DDLG92]. **Euro** [ABD+99, ABD+99]. **Euro-Par** [ABD+99]. **Euro-Par'99** [ABD+99]. **Europe** [PA88, Duf84h, Duf84j, Duf85a, Duf85d, Duf87e, Duf88e, Duf90d]. **European** [DJKL92, MMO90, Duf89b, Duf12]. **EUROPORT** [CDH+97b, CDH+97a]. **Evaluation** [ADD97, DDLG92, DDLG93, DR79a, Fos79, DDLG92, DDLG93]. **Exascale** [Duf12]. **Experience** [DD94b, DR82a, Duf88b, ADD94a, ADD94a]. **experiment** [DLLT87]. **Experiments** [AD90, BDG94, CDG00a, DGP94, DP04a, DHL18, DL18]. **Exploitation** [Duf93a]. **Exploiting** [Ano89, DR95a, DR96b, Hig90]. **extrapolation** [DN87].

F1 [DR78a, Duf81b]. **factorisation** [ADL98c]. **Factorization** [ADP96, ADGR90, BDW99, DD97b, DD88, DD89, DGR+91, ADP94, ADL98c, BDW01, BDY09, DD92a, DD93, DD94a, DD90a, DD90b, DD91, DR83a, DR83c, DGR+90, PDW02, PDW05]. **Fast** [CDGS03, CDGS05, DH92, Hig90, LLH+17]. **Features** [DR79b, Duf84c]. **February** [B+95]. **Federal** [Kow84]. **FGMRES** [AD09]. **Fifth** [DKM+92, Lew94]. **fill** [DR83a, DR83c]. **final** [DDLG93]. **Finite** [PB96, CCF96, DS97b, DS99b, DS99a, DM11]. **finite-element** [DS97b, DS99b, DS99a]. **Finland** [Ano99]. **First** [DW94, Jap90]. **flow** [CDL20, DHL18]. **following** [DK86]. **Form** [DR78a, DU10, Duf77b]. **forms** [DR75, DS04a, DS05b]. **Fortran** [DD86a, Duf77a, Duf80a, DR82b, DR93, DR94, DR95b, DV98a, DVY00, DV01a, DV02a, DV02b]. **Forum** [DHP02]. **Fourth** [DMSV90, GL80]. **Fox** [DW+93]. **France** [ABD+99, BCRT92, CRQR89, DG89, DGDG97a, GL80, GL84, DJKL92]. **Francisco** [B+95]. **Free** [Duf81b, LLH+16, LLH+17]. **French** [ADD94a, ADD97, ADL98c, DDLG92, DDLG93]. **Frobenius** [CDG00d, CDG00c]. **Frobenius-norm** [CDG00d]. **Frontal** [Duf89d, DS96b, CDS97, CDS98, Duf81c, Duf81a, Duf81e, Duf84b, Duf84c, DRS89, DS93b, Duf94b, DS96c, DS96a, Duf96b, DS97a, DS97b, DS98, DS99b, DS99a]. **fronts** [DS94a, DS94b]. **Fukuoka** [Ano91]. **Full** [DD97c, Duf81d, Duf82a, ADD89b, ADD89d, ADD89c, DD96b]. **Fully** [ADLK01b, ADLK99]. **future** [Duf81h]. **FX** [ADD89a, ADD92, DD90a, DD90b, DD91, Duf87d, Duf89e, Duf90a]. **FX-8** [Duf90a]. **FX/8** [Duf87d, Duf89e]. **FX/80** [ADD89a, ADD92, DD90a, DD90b, DD91].

G. [Duf10]. **game** [DDLG92, DDLG93]. **Gaussian** [CDJ96b, CDJ98, DR74, Duf74a, Duf81d, Duf82a, DEGR88, DS94a, DS94b]. **general**

[ADLL00, ADLL01c, ADLL01d, ADLK01a, ADLL03a, ADLL03b, ADNR90c, Duf91c]. **geophysics** [DGPV07]. **George** [Duf84a, DER76]. **Georgia** [Ame94]. **Germany** [Kow84]. **Gers** [CRQR89]. **Givens** [Duf74b, PDW02]. **Glasgow** [MMO90]. **global** [GD11]. **GMRES** [ADGP07]. **gradient** [DDR93, DDR94, Duf79a]. **gradients** [DM89]. **graph** [DL18]. **Greece** [HPP88]. **Group** [Duf81i, Duf88c, Duf89f, Duf91b, Duf94a, Duf96a, Duf98b, Duf00a, Duf02a, Duf04b]. **Guide** [DGL92].

H [CDD87]. **Hammersmith** [Ano89]. **hand** [LLH+17]. **Hardware** [HHJ+86]. **Harwell** [Duf82f, Duf88b, DGL92, DS96c, DS98]. **held** [DS79, Duf81i, DGDG97b, FF93, Hen82, IP87, Kow84, PB96, PR83, TH82, Wat82]. **Hellerman** [DAGR87]. **Heterogeneous** [ADDR95b, ADDR95a, ADDR95c, DGPV07]. **High** [ACM00, APSS98, DD97c, DG89, DDSv98, DDS00, Duf89b, Duf99d, Kow84, THDC09, CDS97, CDS98, DD96b, Duf94d, Duf00b, AGS+99, DG89, Kow84]. **High-Performance** [DD97c, DDSv98, Duf89b, THDC09, CDS98, DD96b, Duf00b, AGS+99]. **High-Speed** [DDS00, Kow84, Kow84]. **highly** [DS02, DS04b]. **Hilton** [Sup90]. **Houston** [DKM+92]. **HPC** [SMMG01]. **HSL** [Duf07]. **HSS** [GD11]. **Human** [PB96]. **Hyatt** [DS79]. **hybrid** [SD04].

IBM [PA88, ADD89a, ADD92, DD88, DD89, DD90a, DD90b, DD91]. **IBM-3090** [DD90a]. **Identifying** [AD15]. **IFIP** [ESY84, Fos79]. **II** [DR85b, PDW02, PDW05]. **III** [MC95]. **IIMAS** [Hen82]. **ILAY** [DGDG97b]. **Illinois** [DMSV90]. **IMA** [IP87, Duf81i]. **IMA/SIAM** [IP87]. **IMACS** [Ame94, Ame94]. **Impact** [ADLL03a, ADLL03b, Duf99d, Duf87b, Duf00b]. **Implementation** [DDN20, DDP94, DD99b, DCHD90a, DR78b, Duf86d, DW88, ADLL03a, ADLL03b, DDP93, DD96a, DD97d, DDR93, DDR94, DV01a, DV02a, DV02b, DKU11, DHL18, DL18, PDW02, PDW05]. **Implementing** [DVY00]. **In-Core** [ADGR90]. **Incomplete** [BDW99, PDW02, BDW01, BDY09, PDW05]. **Incremental** [DV00, DV01b, DV02c]. **Indefinite** [DR95b, DP05b, DP07, DRMN79, DR83b, DGR+90, DGR+91, DR94, DR95a, DR96b, Duf02c, Duf04c, DP04b, DP05a]. **index** [DG86]. **Indirect** [DD86a]. **industrial** [DD94c, DD95b, SAD+00]. **Industry** [MMO90, SMMG01]. **Influence** [Duf86a, Duf87c]. **ingénieur** [AG80]. **Initiative** [Duf12]. **Innovative** [BDRS12, PB96, PT99]. **instantiation** [DV98a]. **Institute** [Ame94, Duf81i, FF93, PA88, KP87]. **Integrated** [ADLP98, ADLP99]. **integrator** [DN87]. **intensif** [ADD97]. **intensifs** [DDLG92, DDLG93]. **intensive** [ADD97, DDLG92, DDLG93]. **Interface** [DMRV97]. **interfaces** [ESY84]. **International** [AG80, ABD+99, Ano91, BCRT92, CRQR89, DFT95, DG89, DW94, DP97, DR85a, DR85b, DGDG97b, ES89, GL80, GL84, HPP88, Jap90, MC95, SMMG01, VWY01, WDPW04, EJP90, PR83, DGDG97a]. **International-Conference** [DR85a]. **introduction** [DK86]. **Inverse** [ADL+12, CDGS03, CDGS05]. **inverses** [DEGR85]. **involved** [DR83a, DR83c]. **Issue** [CDH+97b, CDH+97a, DW91, TCJ+10, BBD+11, BD15]. **Issues** [DDGM89, AD93, CDS97, CDS98]. **Italy** [ES89]. **Iteration** [DS93a, DS95, DS91]. **Iterative** [ADR92, ADDR95b, DGDG97a, DGDG97b, ACD+03, ADNR90c, ADR91, ADDR95a, ADDR95c, CDGS04, Duf04a].

James [CDD87, GND+87]. **January** [Duf88c, Duf89f, Duf91b, Duf94a, Duf96a, Duf98b, Duf00a, Duf02a, Duf04b, Hen82]. **Japan** [Ano91, Jap90]. **Japanese** [DK91]. **jeu** [DDLG92, DDLG93]. **Joint** [BCRT92, IP87]. **Joseph** [Duf84a]. **Jülich** [Kow84]. **July** [Ame94, Duf81i, GW94]. **June** [Ano89, DW94, DGDG97a, DGDG97b, GW94, HPP88, Kow84, PR83, SMMG01, VWY01, Wat82].

kernel [DP89, DP90]. **Kernels** [DD97c, ADD89a, ADD89b, ADD89d, ADD92, ADD94a, CDG95, CDG96, DD96b]. **Knoxville** [DS79]. **Köln** [TH82]. **Köln-Porz** [TH82].

Lánczos [ADRS92a, ADRS95]. **Large** [CDGS03, CDGS05, DE87, Duf84a, Duf86b, Duf86c, DK99a, ACD+03, ADLL01a, AD90, ACD+93, Duf79c, Duf80b, Duf84j, DK86, Duf87c, Duf87f, Duf90e, Duf92, Duf93a, DK97a, DK99b, Duf99c, Duf99a, DK01, Duf02b, DS02, DGLM03, Duf04a, DS04b, DGLM05, SAD+00]. **large-scale** [ACD+93, Duf90e]. **Least** [ADd89f, AD15, BD80, Duf90e]. **Least-Squares** [ADd89f, AD15, Duf90e]. **Lectures** [CCF96]. **Leiden** [EJP90]. **Leslie** [DW+93]. **Leuven** [MC95]. **Level** [DD88, DH92, DCDH88, DCHD90a, DCHD90b, DMRV97, Hig90, CDG02, CDG03, DCDH87, DDCH89, DMR92, ADD89d, ADD89c, DD89, DD90a, DD90b, DD91, DDP93, DDP94, DD96a, DD97d, DD99b, DDDH89, DMRV95, DMRV97, DV98a, DMRVxx]. **Level-3** [DD88, DH92, DDP94]. **Libraries** [Duf12, Ano89]. **library** [Duf79d, Duf07, Duf88b, DS96c, DS98]. **Linear** [ADDM92b, ADDM92a, ADDM93, ADDM95, ADD88, AD15, BD80, BDD+01, BDD+02, CDG95, CDG96, DD97c, DCDH88, DDDH89, DCHD90a, DCHD90b, DDSv91, DDSv98, DDS00, Duf79b, Duf81f, Duf82b, Duf82c, Duf84g, Duf86e, Duf86b, Duf86c, Duf91a, DR95b, DMRV95, DS96b, DGDG97a, DMRV97, DGDG97b, Duf97, DV98a, DvdV99, Duf99d, DMRVxx, DHP02, Lew94, ACD+03, ADD89a, ADD89b, ADD89d, ADD89c, ADD91, ADD92, ADD93, AD94, ADD+94b, AD96, ADD89e, ADNR90b, CDGmM01, CDGmM02, CDGmM04, DD94c, DD95b, DD96b, DCDH87, DR76, Duf77a, DRMN79, Duf79c, Duf80a, Duf80b, DR82b, Duf82d, Duf83c, DR83b, Duf84c, Duf84d, DR84, Duf84f, Duf85b, DLLT87, Duf87c, DNR87, Duf87f, Duf88a, DR93, DR94, Duf94b, DR95a, DR96a, DR96b, Duf96b, Duf96c, Duf99c, Duf99a, Dv99, Duf00b, DS02, DS04b, DU12, Duf95, Spe91, vdVV90]. **linearly** [ACD+93]. **linearly-constrained** [ACD+93]. **Liu** [Duf84a]. **London** [Ano89]. **low** [DGLM03, DGLM05]. **LU** [ADL98c, DD93, DD88, DD89, DD90a]. **Lyngby** [DW94]. **Lyon** [BCRT92].

M7 [DDS00]. **MA27** [DR82b]. **MA28** [Duf77a, Duf80a]. **MA32** [Duf81a, Duf81e, Duf83b]. **MA41** [AD96]. **MA42** [DS93b]. **MA47** [DR94, DR95b]. **MA48** [DR93, DR96a, Duf95]. **MA57** [Duf02c, Duf04c]. **MA62** [DS97b, DS99a]. **Major** [Jes87]. **management** [AD93]. **March** [Ano99, DG89, DKM+92, Jap90]. **Markowitz** [DDN20]. **Massively** [ADL98b]. **Mathematical** [Cow84]. **Mathematics** [Ame94, Duf81i, FF93, MMO90, WDPW04]. **Matrices** [ADGR90, ADNR92, Duf81i, DER86, DS93a, DS95, DMRV97, DK99a, DU10, DER17, ADL98c, ADNR90a, DD95a, DD97a, DD99a, Duf74a, Duf74b, DR75, Duf85c, DEGR85, Duf88d, DER89, DGR+90, DS91, DGR+91, DS92, DMRV95, DER97, DK97a, DV98a, DMRVxx, DV00, DV01b, DV02c, DRV04, Duf09]. **Matrix** [ADLP98, ADLP99, ADL+12, AD15, DD87a, Duf77c, DR78b, DR79b, DS79, DR82a,

Duf84i, Duf87d, DGL89, DGL92, DGL97, Duf99b, Hig90, ADD89a, ADD92, ADRU08, APSS98, DRMN79, DR79a, Duf80c, Duf81d, Duf82a, Duf82e, DGLP82, DR83a, DR83c, Duf84e, DP89, Duf89e, Duf89g, DP90, Duf90a, DK99b, DK01, SAD+00, NN94]. **matrix-matrix** [ADD89a, ADD92, DP89, DP90]. **Maximum** [Duf81g, DKU11]. **ME28** [Duf81f]. **mechanics** [DM11, PB96, PT99]. **Meeting** [ES89, DFT95]. **mémoire** [ADL98c]. **Memory** [AD93, ADDM95, ADV05, CDD87, DDSv91, ADDM92a, ADDM93, ADL98c, ADLL00, ADLL01c, ADLL01d, ADLL01a, ADLK01a, ADLL01e, ADLL01b, ADV02, ADV04]. **Method** [ADNR92, BD80, DD97b, DER76, DGLR87, DGRZ15, ACD+03, ADD93, ADNR90c, ADNR90a, ADRS91, ADRS92a, ADRS92b, ADRS95, CDJ96a, DD93, DD94a, DD95a, DD97a, DD99a, Duf81a, Duf81e, DGLR90, GD11]. **Méthodes** [AG80]. **Methods** [BDW99, DER86, DGDG97a, DGDG97b, Duf97, DER17, GL84, AG80, AD93, BDW01, BDRS12, BD15, Car89, CDG95, CDG96, DD92a, DR76, Duf79a, Duf84d, Duf87b, DER89, Duf89d, Duf94b, Duf96b, Duf96c, DER97, Duf98a, Duf99b, Duf02b, Duf04a, ES89, GL80, PDW02, PDW05, PB96, PT99, PR83, TH82, BDW01]. **Mexico** [Hen82]. **MIMD** [DDP93, DDP94]. **minimization** [CDG00d, CDG00c]. **Minimum** [ADD96, ADD95, ADD04]. **Mitchell** [DW91]. **Mito** [Jap90]. **Mixed** [DP07, AD09, DM11]. **Mobility** [PB96]. **Model** [DCHD90a, CDL20, DV02a, DV02b]. **modern** [Duf92]. **modules** [ESY84]. **Montpellier** [DG89]. **Mountain** [TCJ+10, TBC+11, vdVDE+01, vdVDE+02, vdVDE+03]. **MPI** [ADLL03a, ADLL03b]. **Multifrontal** [AD89, ADP94, ADP96, ADL98d, ADL98a, ADL00, ADLK01b, ADV05, DD97b, Duf86d, DGLR87, AD93, ADD93, ADLK99, ADV02, ADV04, ADGS10, DD92a, DD93, DD94a, DD95a, DD97a, DD99a, Duf83c, DR83b, DR84, Duf89d, DGLR90, DP04a, ADL98b]. **Multigrid** [DGPV07, TH82]. **Multilevel** [SD04]. **multiple** [DS94a, DS94b, LLH+17]. **Multiplication** [Hig90]. **Multipole** [CDGS03, CDGS05]. **Multiprocessing** [Duf87d, Duf89e, Duf90a, DD90a]. **Multiprocessor** [AD89, ADP96, ADP94]. **multiprocessors** [AD93, DD90a, DD90b, DD91]. **multiscale** [DM11]. **multitasking** [DD91]. **MUMPS** [ADL98b, ADLK01a]. **MUPS** [AD94].

NAA [VWY01]. **Nanjing** [BBD+11]. **NASC** [BBD+11]. **NATO** [KP87, Kow84]. **nearly** [Duf84f]. **Nested** [DER76]. **Networking** [ACM00]. **Newton** [GD11]. **no** [DR83a, DR83c, DMR92]. **no-fill** [DR83a, DR83c]. **Node** [DJ89]. **non** [ADL98c]. **nonlinear** [ACD+93, DNR87, GD11]. **nonsymmetric** [ADL98c]. **nonzeros** [Duf74a]. **norm** [CDG00d, CDG00c, DV00, DV01b, DV02c]. **Norway** [SMMG01]. **Note** [ADGP07, DR83a, DR83c, DMR92]. **notes** [Duf79d]. **notice** [DDCH89]. **November** [ACM00, Ano91, BBD+11, DS79, Sup90, TH82]. **Novotel** [Ano89]. **noyaux** [ADD94a]. **NSC** [BBD+11]. **Nuclear** [Jap90]. **number** [Duf74a]. **Numerical** [AG80, BDY09, DDSv98, DDS00, Duf81i, Duf86a, Duf97, DBGvdV02, Duf12, DGdSU12, IP87, THDC09, vdVBDP01, BDRS12, BD15, CH90, Duf79d, Duf87a, Duf87b, Duf96c, DW97, DGPV07, Fos79, vdVV90, Duf88c, Duf89f, Duf91b, Duf94a, Duf96a, Duf98b, Duf00a, Duf02a, Duf04b, GW94, Hen82, PR83, VWY01, Wat82]. **numerically** [ADD97, DDLG92, DDLG93]. **numerically-intensive** [ADD97, DDLG92, DDLG93]. **numérique** [ADD97]. **numériques** [AG80]. **NY** [Sup90].

Oberlech [PA88]. **obtain** [AD09]. **Obtaining** [Duf81g, DR74]. **October** [CRQR89, DJKL92]. **optimisation** [ADD97]. **Optimization** [DGDG97a, DGDG97b, ADD97, ACD+93]. **Ordering** [ADD96, ADD95, ADD04, Duf74b, DM89, SD04]. **Orderings** [DJ86, DR74, DJ89]. **Organised** [Duf81i]. **organized** [FF93]. **Orthogonal** [BDW99, BDW01, BDY09, PDW02, PDW05]. **other** [DS96c, DS97a, DS98]. **Out-of-Core** [ADL+12, Duf84c]. **overdetermined** [DR76]. **overview** [DHP02]. **Oxford** [DR85a, DR85b, FF93].

package [AD94, AD96, Duf81a, Duf81e, Duf83b]. **Papers** [DP97, VWY01, WDPW04]. **Par'99** [ABD+99]. **PARA** [DW94, SMMG01]. **paradigms** [SMMG01]. **Parallel** [ADD93, ADD+94b, ADL98b, ADLP98, ADLP99, ADLR15, Ano01, ADDR95a, ADDR95b, B+95, BCRT92, Car89, CRQR89, DDN20, DDP94, DDGM89, DMSV90, DKM+92, DR85a, DR85b, Duf86a, Duf86d, Duf86e, Duf86b, Duf86c, DGLR87, Duf89g, Duf90b, Duf90c, Duf91c, DvdV99, DRV04, DP07, DGdSU12, ES89, HHJ+86, PA88, Rod89, vdVV90, ACD+03, ADD89a, ADD91, ADD92, ADD94a, AD94, AD96, ADL98d, ABD+99, ADL00, ADPV03a, ADPV03b, ADRU08, ADGS10, Ano89, ADNR90b, ADDR95c, CDG95, CDG96, DFT95, DD92a, DD90b, DDLG92, DDLG93, DDP93, DD94c, DD95b, DP97, DDR93, DDR94, Duf87c, Duf87f, DGLR90, Dv98b, Duf99c, Duf99a, Dv99, DS02, DS04b, DS04a, DS05b, DP05a, DLN18, FF93, Jes87, LLH+16, LLH+17, MC95, NN94, Per92, SMMG01, BCRT92, CRQR89, DMSV90, DW94, ES89, EJP90, FF93, PA88, WDPW04]. **parallèles** [ADD94a, DDLG92, DDLG93]. **Parallèlisation** [ADL98c]. **Parallelism** [Duf88d, Ano89, Duf87b, Duf93a]. **Parallelization** [CDL20, DJ86, ADL98c]. **parametrized** [DL18]. **PARASOL** [ADL98a, ADLP98, ADLP99]. **part** [DGDG97b]. **Partitioning** [DDG+15, DRV04]. **Pattern** [DD97b, CDG00d, CDG00c, DD92a, DD93, DD94a]. **PDE** [ESY84, Duf82e, ESY84]. **Performance** [ACM00, ADLL01e, ADLL01b, CDS97, CDS98, DD97c, DD86a, DDSv98, DR79a, Duf89b, Duf99d, Fos79, THDC09, ADD97, ADLL03a, ADLL03b, APSS98, DD96b, DG89, Duf94d, Duf00b, ADD97, Fos79, AGS+99]. **performed** [Duf74a]. **Permutations** [DR78a, Duf81b, Duf77b]. **Permuting** [DK99a, DK97a, DK99b, DK01]. **Perturbed** [ADGP07]. **phase** [ADGS10, CDL20]. **physics** [KP87]. **Pivot** [Duf74b]. **pivotal** [DR74]. **Pivoting** [ADGP07, DP05b, DP07, DHL20, DP04b, DP05a]. **point** [ADLL03a, ADLL03b]. **point-to-point** [ADLL03a, ADLL03b]. **Poland** [WDPW04]. **POLISH** [Duf82f]. **port** [DDLG92]. **portable** [ADD91]. **portage** [ADD94a, DDLG92]. **Porting** [DD94c, DD95b, ADD94a]. **Porto** [DFT95, DP97]. **Portugal** [DP97, DFT95]. **Porz** [TH82]. **Positive** [Duf84a, DS97b, DS99b, DS99a]. **positive-definite** [DS97b, DS99b, DS99a]. **Posteriori** [DHL20]. **pour** [ADL98c]. **PPAM** [WDPW04]. **Practical** [Duf79b, DAGR87, BD15]. **precision** [AD09, CCF96, DLLT87]. **Preconditioned** [ADGP07, DM89]. **Preconditioner** [CDGS03, CDGS05]. **Preconditioners** [DK13, BDY09, CDG00d, CDG00c, CDGmM01, CDG02, CDGmM02, CDG03, CDGmM04, DGLM03, DRV04, DGLM05, DGPV07]. **Preconditioning** [AD15, Duf97, Dv98b, SAD+00, CDG00a, CDG00b, CDG01, Duf96c]. **Preface** [BBD+11, BD15, DR85a, DGDG97a]. **preprocessing** [DP04a]. **present** [Duf90d].

primal [DM11]. **primal-mixed** [DM11]. **Problems** [ADd89f, AD15, BD80, DGL89, Duf99d, DP05b, APSS98, CDG00a, CDG00b, CDG01, DR79a, DGLP82, DJ89, Duf90e, Duf00b, DP04a, DP04b, DGPV07, DU12, SAD+00]. **Procedures** [PB96]. **Proceedings** [Ano99, CRI82, DMSV90, DS79, Duf81i, DR85b, DGDG97a, EJP90, GL84, IP87, Kow84, Ame94, CRQR89, DG89, ESY84, ES89, FF93, Fos79, GL80, GW94, Hen82, KP87, MC95, PA88, PR83, TH82, Wat82, ABD+99, Ano91, Ano01, B+95, DJKL92, DKM+92, DR85a, DGDG97b, Sup90, Lew94, MMO90, SMMG01, BCRT92, DW94, HHJ+86, HPP88, Jap90]. **processes** [BBC+99]. **Processing** [Ano01, B+95, DMSV90, DKM+92, HHJ+86, WDPW04, ABD+99, BCRT92, DFT95, DP97, Jes87, Rod89]. **Processing-Systems** [DP97]. **Processors** [DDP94, DD97d, DD97c, DD99b, DR85a, DR85b, Duf86a, DDP93, DD96a, DD96b, Duf82d]. **profile** [DRS89]. **programmes** [DDLG92, DDLG93]. **Programming** [ADLP98, ADLP99, DDLG92, DDLG93, DNR87]. **Programs** [DCHD90a, DK86]. **Progress** [Duf88c, Duf89f, Duf91b, Duf94a, Duf96a, Duf98b, Duf00a, Duf02a, Duf04b]. **Projection** [ADNR92, ADNR90a, CDJ96a]. **proposal** [DCDH87, DDDH89, DMR92]. **purpose** [ADLK01a].

quasi [CDJ96b, CDJ98]. **quasi-square** [CDJ96b, CDJ98].

R [DW91]. **Ranck** [DAGR87]. **random** [Duf74a]. **rank** [DGLM03, DGLM05]. **Rapport** [DDLG93]. **Reading** [Duf81i]. **rectangular** [CDJ96a, CDJ96b, CDJ98]. **reduction** [Duf74b, DR75, DRS89]. **reference** [DV02a, DV02b]. **Regency** [DS79]. **Release** [DGL92]. **Reliable** [CH90]. **Remarks** [DW88, DEGR85]. **Report** [DDLG92, DDLG93, Duf88c, Duf89f, Duf91b, Duf94a, Duf96a, Duf98b, Duf00a, Duf02a, Duf04b]. **représentatifs** [DDLG92, DDLG93]. **representative** [DDLG92, DDLG93]. **Republic** [Kow84]. **Research** [CRI82, DDGM89, DDS00, Duf77c, Duf84e, Kow84, Duf90b, Duf99c, Duf99a]. **results** [PDW02, PDW05]. **Review** [Duf84a, Duf94b, Duf96b]. **Revised** [VWY01, WDPW04, DD97d]. **right** [LLH+17]. **right-hand** [LLH+17]. **rigorous** [BD15]. **RISC** [DD96a, DD96b, DD97d, DD97c, DD99b]. **Roadmap** [THDC09]. **Robust** [CDG00b, CDG01, CDG00d, CDG00c]. **Rockefeller** [Sup90]. **rotations** [PDW02]. **Rousse** [VWY01]. **row** [Duf74b]. **Rutherford** [DGL97].

San [B+95]. **SC2000** [ACM00]. **scale** [ACD+93, DE87, Duf90e]. **Scaling** [DP05b, ADRU08, DGP94, DP04a, DP04b]. **Scheduler** [ADDR95b, ADDR95c]. **Scheduling** [ADLK01b, ADV05, ADLK99, ADV02, ADV04]. **scheme** [CDGS04, Duf81c]. **Schemes** [Duf86d, CDS97, CDS98]. **School** [KP87]. **Science** [DR85a, DR85b, LP90, CRI82]. **Sciences** [GL84, AG80, GL80]. **Scientific** [Ano01, B+95, DMSV90, DKM+92, BD15, DE87, DW94, DK86, DH90, Rod89, Duf82d]. **Scotland** [Wat82]. **Scottish** [KP87]. **search** [ACD+93]. **Second** [BCRT92, DP97, DR85b, VWY01, KP87]. **Section** [TBC+11]. **Selected** [DP97, DS93a, DS95, DS91, DS92]. **selection** [CDG00d, CDG00c, Duf74b]. **semi** [Duf93a]. **semi-direct** [Duf93a]. **Semilocal** [GD11]. **Seminar** [PA88]. **September** [ABD+99, BCRT92, DFT95, DP97, DGDG97a, DGDG97b, ES89, EJP90, FF93, HHJ+86, WDPW04]. **sequence** [DR74]. **Sequential**

[DP07, CDL20, DP05a, DHL18]. **Set** [BDD+01, DCDH88, DCHD90a, DCHD90b, BDD+02, DCDH87, DDDH89, Duf77a, Duf80a, DR82b, DMRV95, DMRVxx]. **sets** [AD94, AD96, DRMN79, DR82b, DR84, DNR87]. **Seventh** [B+95]. **Shared** [ADDM95, DDSv91, ADDM92a, ADDM93]. **SIAM** [Ano01, B+95, DMSV90, DKM+92, IP87, Lew94]. **sides** [LLH+17]. **similar** [Duf79a]. **similarity** [DR75]. **simulation** [DK91]. **Sixth** [GL84]. **skew** [Duf09]. **SMPs** [ADPV03a, ADPV03b]. **SNA** [Jap90]. **Söderköping** [ESY84]. **Software** [Ano89, Cow84, Duf84i, DS96b, Duf12, Per92, ADD91, Duf82e, Duf84e, Duf85c, DS96c, DS97a, DS98, Duf99c, Duf99a, ESY84, Fos79, Fos79]. **solid** [DM11]. **Solution** [BD80, CDJ96b, CDJ98, Duf79b, Duf82b, Duf82c, Duf84a, Duf84g, Duf86e, Duf86b, Duf86c, Duf91a, DR95b, DS96b, DvdV99, Duf99d, DP07, PB96, ACD+03, ADD89b, ADD89d, ADD89c, ADD93, ADLL01a, ADGS10, CDJ96a, DR76, DRMN79, Duf79c, Duf80b, Duf82d, DR83b, DR84, Duf84f, Duf85b, Duf87c, DNR87, Duf87f, Duf88a, Duf89g, Duf90e, Duf92, Duf93a, DR93, Duf93b, DR94, Duf94c, Duf94d, DR95a, DR96a, DR96b, Duf99c, Duf99a, Dv99, DS99b, Duf00b, Duf02b, Duf02c, Duf04a, Duf04c, DP05a, DGPV07, Duf07, DM11, DLN18, Duf95]. **solutions** [DP04a]. **solve** [CDL20]. **Solver** [ADLK01b, ADV05, Duf81f, DHL20, ADLK99, ADLK01a, ADV02, ADPV03a, ADPV03b, ADV04, CDL20, DS02, DS04b, Duf09, ADL98b]. **Solvers** [ADL98a, ADLP98, ADLP99, ADR92, ADDR95b, DD97c, Duf12, ACD+03, ADL98d, ADLL00, ADL00, ADLL01c, ADLL01d, ADLL01e, ADLL01b, ADLL03a, ADLL03b, ADR91, ADDR95a, ADDR95c, DD94c, DD95b, DD96b, DN87, Duf89c, DS96c, DS97a, DS98, DS04a, DS05b]. **solves** [LLH+16, LLH+17]. **Solving** [ADD88, ADD89e, DDSv91, AD94, AD96, ADNR90b, BDG94, Duf81c, Duf81a, Duf81e, DR82b, Duf83b, Duf83c, Duf84c, Duf84d, DS93b, Duf94b, DS96a, Duf96b, DU12, Spe91]. **Some** [CDG00c, Duf79c, DR79b, Duf79d, DEGR85, DR76]. **Sources** [Cow84]. **Sparker** [DMR92]. **Sparse** [ADLP98, ADLP99, ADL+12, ADD88, ADd89f, ADGR90, ADNR92, BD80, CDG00d, CDGmM01, CDGmM02, CDGmM04, DD87a, DD97b, DD97c, Duf72, Duf77c, Duf79b, DR79b, Duf80c, Duf81f, Duf81i, DR82a, Duf82e, DGLP82, Duf82b, Duf82c, Duf84a, Duf84g, Duf84i, DER86, DJ86, Duf86e, Duf86b, Duf86c, Duf87d, DGL89, Duf91a, DGL92, DS93a, DS95, DR95b, DS96b, Duf96c, DMRV97, DGL97, Duf97, DK99a, DP05b, Duf07, DP07, DER17, DLN18, DHL20, ADD89b, ADD89d, ADD89c, AD93, ADD93, AD94, AD96, ADL98c, ADLL00, ADLL01c, ADLL01d, ADLL01a, ADLK01a, ADLL01e, ADLL01b, ADPV03a, ADPV03b, ADLL03a, ADLL03b, ADD89e, ADNR90c, ADNR90a, AD90, CDJ96b, CDJ98, CDG00a, CDG00c, DD92a, DD93, DD94a, DD95a, DD97a, DD99a, DD94c, DD95b, DD96b, Duf74a, Duf74b, DR75, DR76, Duf77a, DRMN79, DR79a, Duf79c, Duf80a, Duf80b, Duf81c, Duf81d, Duf81a]. **sparse** [Duf81e, Duf81h, Duf82a, DR82b, Duf82d, Duf83b, DR83a, Duf83c, DR83b, DR83c, Duf84c, Duf84d, Duf84e, Duf84f, Duf85b, Duf85c, DEGR85, Duf87c, DN87, DNR87, Duf87f, Duf88a, Duf88d, DER89, Duf89e, DJ89, Duf89g, DGR+90, Duf90a, DS91, DGR+91, Duf91c, DS92, DMR92, Duf92, Duf93a, DR93, DS93b, DR94, Duf94d, DR95a, DMRV95, DS96c, DR96a, DS96a, DR96b, DS97a, DER97, DK97a, DS97b, DS98, DV98a, DK99b, Duf99c, Duf99a, DS99b, DS99a, DMRVxx, DV00, DK01, DV01b, Duf02b, DV02c, Duf02c, Duf04c, DS04b, DRV04, DS04a, DP04b, DS05b, DP05a, Duf09, DHL18, DL18, LLH+16,

LLH+17, Duf95, SAD+00, DS79, DVY00, DV01a, DHP01, DV02a, DV02b, DHP02]. **Sparsity** [DEGR88, Eva85, DR74]. **Special** [CDD87, CDH+97b, CDH+97a, TCJ+10, TBC+11, BD15, BBD+11]. **spectral** [CDG02, CDG03, DGLM03, DGLM05, SD04]. **Speed** [DDS00, Kow84, Kow84]. **square** [CDJ96b, CDJ98]. **Squares** [ADd89f, AD15, BD80, Duf90e]. **SSOR** [ADNR90b]. **St** [FF93, KP87]. **Stability** [DH92, AD09]. **Stabilized** [DS04a, DS05b]. **Stable** [DP07, DP05a]. **standard** [DHP02]. **state** [DDLG92, DW97, Spe91, IP87]. **Static** [ADGP07, DP05a]. **status** [DH90, Duf90d]. **Stewart** [Duf10]. **stiff** [DN87]. **Stopping** [ADR91, ADR92]. **Strategies** [DP04b, DP05b, DP07, CDG00d, CDG00c, DDG+15]. **strategy** [DP05a]. **strong** [DK13]. **structural** [DG86, PB96, PT99]. **structurally** [DJ89]. **structurally-symmetric** [DJ89]. **structure** [DEGR88]. **structured** [ADD+94b, APSS98, DR94]. **structures** [Duf85c]. **Study** [KP87, ADLL01a, BDY09]. **subgraphs** [DK13]. **Subprograms** [BDD+02, DCDH87, BDD+01, DCDH88, DDDH89, DCHD90a, DCHD90b, DMRV95, DMRV97, DV98a, DMRVxx, DHP02]. **Subroutine** [Duf88b, DS96c, DS98]. **subroutines** [Duf77a, Duf80a, DR82b]. **Subspace** [DS93a, DS95, DS91]. **Summer** [KP87]. **Super** [Duf85a]. **Super-Calculators** [Duf85a]. **Supercomputers** [Duf84h, Duf90f, Duf91a, Duf85d, Duf90e]. **Supercomputing** [Ade92, Ano91, BBC+99, Duf87e, Duf88e, Sup90, Jap90, LP90, Car89, Duf90d, Duf89b, HPP88]. **Survey** [Duf77c, Duf84i]. **Sweden** [ESY84]. **symètriques** [ADL98c]. **Symmetric** [DR95b, DP05b, DP07, DU10, ADL98d, ADL00, CDGmM01, CDGmM02, CDGmM04, DRMN79, DR82b, DR83b, Duf84f, DJ89, DGR+90, DGR+91, DR94, DR95a, DR96b, DS97b, DS99b, DS99a, Duf02c, DP04a, Duf04c, DP04b, DP05a, Duf09]. **Symposium** [Ano91, DG89, DJKL92, DS79, GL80, GL84, CRI82, Duf82d]. **synchronization** [LLH+16, LLH+17]. **synchronization-free** [LLH+16, LLH+17]. **System** [ADd89f, Duf94b, Duf07]. **Systems** [ADD88, DDSv91, DP97, Duf72, Duf79b, DR95b, DvdV99, Duf99d, DP07, ACD+03, ADD93, ADD+94b, ADD89e, ADNR90b, AD90, BDG94, CDJ96a, CDJ96b, CDJ98, CDGmM01, CDGmM02, CDGmM04, DR76, Duf79c, Duf81a, Duf81e, DR83b, Duf84c, Duf84d, Duf84f, Duf89a, Duf91c, Duf92, Duf93a, DR93, DS93b, Duf93b, DGP94, DR94, Duf94c, DR95a, DR96a, DS96a, DR96b, Duf96b, DS97b, Dv99, DS99b, DS99a, Duf00b, Duf02b, Duf02c, DS02, Duf04a, Duf04c, DS04b, DP05a, DU12, ESY84, GD11, PA88, Duf95, Duf84a].

Tarjan [DR78b]. **Task** [ADV02, ADV04, ADV05, CDL20, DHL18, DL18]. **task-based** [CDL20]. **task-flow** [DHL18]. **TC** [ESY84, Fos79]. **TC200** [ADDM92b]. **tearing** [AD90]. **Technical** [DHP02]. **Techniques** [ADRS91, ADRS92b, CDGS03, CDGS05, ADRS92a, ADRS95, Duf79a, Duf80c, Duf81d, Duf82a, Duf87a, SAD+00]. **Technology** [Ame94]. **Tennessee** [DS79]. **Tenth** [Ano01]. **Test** [DCHD90a, DGL89, DGLP82]. **Their** [Duf81i]. **Theories** [BDW99, BDW01, BDRS12, BD15]. **Third** [MMO90, Hen82]. **Thirty** [KP87]. **Thirty-second** [KP87]. **three** [DD90a, DD90b, DD91]. **Threshold** [DDN20, DHL20]. **time** [DM11]. **tools** [Ano89, LP90]. **Topic** [DGdSU12, vdVBDP01]. **Toulouse** [ABD+99, DJKL92, DGDG97a, DGDG97b]. **transformations** [DR75]. **Transversal** [Duf81g, DKU11]. **Trends** [DK86, DvdV99, Duf99d, Dv99, Duf00b].

Triangular [DR78a, DU10, Duf77b, LLH+16, LLH+17]. **Triangularization** [DR78b]. **tuning** [ADLL00, ADLL01e, ADLL01b]. **Tutorial** [DDS00]. **Tutorials** [Ano89]. **Tuusula** [Ano99]. **Two** [DK91, ADLL00, ADLL01c, ADLL01d, ADLL01a, ADLL01e, ADLL01b, ADLL03a, ADLL03b, CDG02, CDG03, DGPV07]. **two-dimensional** [DGPV07]. **two-level** [CDG02, CDG03]. **TX** [ACM00, DKM+92]. **type** [DN87].

unifrontal [DD95a, DD97a, DD99a]. **unifrontal/multifrontal** [DD95a, DD97a, DD99a]. **Universitie** [KP87]. **University** [Duf81i, IP87]. **unstructured** [Duf92]. **Unsymmetric** [DD92a, DD97b, Duf81f, DS93a, DS95, AD94, AD96, ADL98d, ADL00, DD93, DD94a, DD95a, DD97a, DD99a, Duf77a, Duf80a, Duf81c, Duf81a, Duf81e, Duf83b, Duf84c, DR84, DS91, DS92, Duf92, DR93, DS93b, DR96a, DS96a, DS02, DS04b, Duf95]. **Unsymmetric-Pattern** [DD97b, DD92a, DD93, DD94a]. **Untitled** [DW96, DK97b]. **update** [DDCH89]. **Updated** [BDD+01, BDD+02]. **USA** [ACM00, Ame94, Sup90]. **Use** [ADD89b, ADD89d, ADD89c, ADGR90, DD88, DD90a, DD90b, DD91, DD96b, DD97c, Duf86b, Duf86c, DAGR87, DS94a, DK99a, ADD89a, ADD92, Duf81c, Duf82f, Duf84j, Duf85d, DNR87, Duf87f, DRS89, DS94b, DK97a, Duf09]. **User** [DGL92, DMRV97, DMR92]. **Uses** [Duf81i]. **Using** [ADLK01b, AD09, DS93a, DS95, DGLM03, DGLM05, DHL20, ADD93, ADLK99, CDL20, Duf81a, Duf81e, DS91, DHL18, DL18, PDW02].

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xxx [DV02b].

Year [DGDG97a, DGDG97b]. **York** [Sup90].

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