

A Bibliography of Publications of Iain S. Duff

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Abstract

This bibliography records publications of Iain S. Duff.

[Duf91b]. **1991** [Ano91, FF93]. **1993**
[Duf94a, GW94]. **1994** [MC95]. **1995**
[Duf96a, PB96]. **1996** [DG DG97a]. **1997**
[Duf98b]. **1999** [Duf00a]. **1st**
[DFT95, HPP88].

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**

2 [ADD89a, ADD92, DD87a, DD88, DD89,
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[Ano01, Duf02a]. **2002** [vdVDE⁺03]. **2003**
[Duf04b]. **2008** [BBD⁺11, TCJ⁺10]. **2010**
[TBC⁺11]. **2e** [AG80]. **2nd**
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3 [DDP94]. **3090**
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70th [DW91].

8 [Duf87d, Duf89e, Duf90a]. **80**
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'**94** [Ame94, DW94]. **95**
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'**96** [DP97]. '**99** [Ano99]. **9th**
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Basis [AD15]. **BBN** [ADDM92b]. **Belgium**
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[Duf99c, Duf99a]. **biennial** [Wat82]. **bilan** [DDL92]. **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, ADN92, ADDR95b, DDP94, DH92, DR78a, DR78b, DU10, DGRZ15, ADN90c, ADN90a, ADDR95a, ADDR95c, DDP93, DDR93, DDR94, DDG⁺15, Duf77b, DS04a, DS05b, ADN90b, 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-ENSEEIH** [ADD94a]. **Change** [DS05a]. **Chateau** [CRQR89]. **Chicago** [DMSV90]. **Cholesky** [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,

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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

[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** [DDL92, DDL93]. **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]. **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, 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,
 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, ADN90b,
 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].
Parallélisation [ADL98c]. **Parallelism**
 [Duf88d, Ano89, Duf87b, Duf93a].

Parallelization [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]. **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** [DDL92].
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, 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]. **Solver** [ADLK01b, ADV05, Duf81f, DHL20, ADLK99, ADLK01a, ADV02, ADPV03a, ADPV03b, ADV04, 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].
symétriques [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, DHL18, DL18].
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** [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, Duf81a, Duf81e, DS91, DHL18, DL18, PDW02].

V [BCRT92]. **VAPP** [BCRT92]. **VECPAR**

[DP97]. **Vector** [BCRT92, DDP94, DD86a,

DDGM89, DDSv91, DP97, DR85a, DR85b, Duf86a, Duf86b, Duf86c, DD90a, DD90b,

DD91, DDLG92, DDLG93, DDP93, Duf82d, Duf87c, Duf87f, DFT95, DP97, Duf82d].

vectoriels [DDLG92, DDLG93].

Vectorization [AD89, Duf84b]. **Verona**

[ES89]. **Versailles** [GL80, GL84]. **Version**

[ADL98b, DD97d]. **VF**

[DD88, DD89, DD90a, DD90b, DD91]. **VI**

[GL84]. **Virtual**

[ADDM95, ADDM92a, ADDM93]. **VLSI**

[MC95]. **Volume** [CDD87].

W [Duf84a, Duf10]. **whose** [DRMN79].

Wilkinson [CDD87, GND⁺87]. **Within**

[ADL98a, Hig90]. **work** [DR83a, DR83c].

Working [ESY84, Fos79, DMR92].

Workshop

[Ano99, CRQR89, DW94, DGDG97b, Kow84, MC95, PB96, SMMG01, Hen82, PR83].

Workshops [Ano89, DGDG97a]. **World**

[Ame94].

xxx [DV02b].

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

Zero [Duf81b]. **Zero-Free** [Duf81b]. **zeros**

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