

A Complete Bibliography of Publications of Marsha J. Berger

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Abstract

This bibliography records publications of Marsha J. Berger.

2 [BS94]. **2005** [ACM05].

3D [BME93].

50th [Gau94].

70th [BW05].

9th [Ano89].

Title word cross-reference

1 [BHOR83, HRBO83]. **3** [MBAW95, MAB03a]. **6** [MAB03b]. *H* [BHL03, AB02, BH02, BH12].

-Box [BHL03, BH02, BH12]. **-D** [MAB03a]. **-Dimensional** [BHOR83, HRBO83]. **-DOF** [MAB03b]. **-Refinement** [AB02].

10th [Ame83]. **12th** [DG95]. **18** [MAB04b]. **1983** [BCF83]. **1984** [SB85]. **1985** [DeG85]. **1989** [Ano89]. **1990** [EG90]. **1993** [MMM93]. **1996** [KFC97, SK96].

A-18 [MAB04b]. **Accuracy** [BAM96, BM95, BM96]. **accurate** [KB06]. **ACM** [ACM05]. **ACM/IEEE** [ACM05]. **across** [BB85]. **Adaptation** [AMB95]. **Adaptive** [ABM98a, AB02, BBSW94, Ber82, BHOR83, Ber83, BJ84, BO84, BJ85a, Ber85a, Ber86, Ber87a, BL89, Ber89a, BC89, Ber89b, BL90a, BS93, BAM96, BL98, BL24, HRBO83, WB96, WKB⁺08, ZPCL08, BJ85b, BL91a, BCHL09, BL23, RPB99, BCF83]. **adaptively** [ABA95, ABA00, LGB11]. **Administration** [MMM93]. **Advanced**

[ZPCL08]. **Aeronautics**
 [ABB⁺06, MMM93]. **Aerospace**
 [MAB05, MAB07]. **AFOSR** [SK96].
Agglomeration [BVM93]. **AIAA** [DG95].
Airborne [WKB⁺08]. **Airframes**
 [MAB02, MAB04a]. **al** [MMM93].
Algorithm
 [BL89, BR92, BG24, BK88, BG21, GAB⁺22].
Algorithms [BL98]. **Aligned**
 [MB13, BH02]. **AMR** [BS94]. **Analysis**
 [BB⁺78, BAM05]. **Anniversary** [Gau94].
Antony [BW05]. **Applications** [ABM04,
 ABA06, ABB⁺06, Ber89b, EG90, MAB05,
 MAB07, MBAW95, ZPCL08, HK02, S⁺83].
Approach [ABA06]. **Approaches**
 [MAB03a]. **Approximation** [BHL03].
April [MMM93]. **Arbitrary** [BL89]. **aspect**
 [BA98]. **Aspects** [BA98]. **Asteroid**
 [Ber22, BL23]. **Asteroid-generated**
 [Ber22]. **Aug** [Ame83]. **August**
 [DeG85, Gau94]. **Automatic**
 [BJ85a, BME93, DAB⁺99, WB96].

based [ABM97, ABM98b]. **Benchmarks**
 [ABB⁺06]. **birthday** [BW05]. **blowing**
 [BK88]. **blowing-up** [BK88]. **Boundaries**
 [AB02, MAB03a, ABA95, ABA00].
Boundary [ABA06, BL90b, MB17, BH12,
 GAB⁺22, HB14, KB06, MB14, RPB99].
Boundary-Layer [ABA06]. **Box**
 [BHL03, BH02, BH12]. **British** [Gau94].
Brunswick [SK96]. **Buffalo** [Ano89].
building [MAB⁺16].

CA [KFC97, DG95]. **calculation** [BK88].
Calculations [BL90b]. **Canada** [Ame83].
Cartesian [DAB⁺99, AMB95, ABA95,
 ABM97, ABM98a, ABM98b, ABA00, AB02,
 ABM04, ABA06, BL89, BL90a, BL90b,
 BL91a, BL91b, BME93, BM95, BM96, BA98,
 BAA01, Ber02, FB99, HB14, MB14,
 MBAW95, MAB02, MAB03a, MAB03b,
 MAB04a, MAB04b, WB96, WKB⁺08].
Cartesian/Quad [WB96]. **celebration**
 [BW05]. **cell** [Ber15, BG21]. **Cells**
 [MB17, Ber15, Ber17]. **century** [Gau94].
CFD [SK96, ABM04, BAMM05].
Characterization [ABB⁺06]. **Circulation**
 [ASB75]. **Clawpack** [MAB⁺16]. **Clustering**
 [BR92]. **CM** [BS94]. **CM-2** [BS94].
collection [DG95]. **College** [BCF83].
Colorado [MMM93]. **Columbia**
 [MAB05, MAB07, ABB⁺06, Gau94].
Complex
 [ABA06, BL91b, BAM96, DAB⁺99, BM95,
 BM96, BAA01, BH02, Ber04, FB99, HK02].
component [ABM97, ABM98b].
component-based [ABM97, ABM98b].
computation [Ame83, Gau94].
Computational
 [Ano89, DG95, ZPCL08, BCF83, Gau94].
computations [EOS85]. **Computing**
 [S⁺93, S⁺83]. **Conditions** [BL90b, KB06].
Conference [Ano89, DeG85, EG90, KFC97,
 MMM93, SK96, S⁺93, SB85, ACM05, DG95].
Configurations [ABA06]. **congress**
 [Ame83]. **Connection** [BS93].
Conservation
 [BBSW94, Ber87b, BHL03, HBL05, BH02].
Coordinate [MB13]. **Copper** [MMM93].
Corrector [BOR81]. **cosponsored**
 [MMM93]. **curved** [KB06]. **Curves**
 [ABM04]. **Cut** [Ber17, MB17, Ber15, BG21].

D [MBAW95, MAB03a]. **Data**
 [Ber83, Ber86]. **Dependent** [BOR81].
Detailed [ABB⁺06]. **Diego** [DG95].
Difference [Ber87a, BL91b]. **Differential**
 [Ber82, BO84, BL90a, BCF83, BL91a].
Dimensional [BBSW94, BHOR83, MB13,
 BLS94, HRBO83]. **Dispersion** [WKB⁺08].
Dispersive [BL24, BL23]. **Distributed**
 [ZPCL08]. **DOF** [MAB03b]. **Dynamic**
 [SK96]. **Dynamics** [Ano89, BHOR83,
 Ber87a, KFC97, SB85, DG95, HRBO83].

ecosystem [MAB⁺16]. **efficient**
 [ABM97, ABM98b]. **Elliptic** [Sch81].

Embedded [AB02, HBL05, MB17, ABA95, ABA00, BH12, GAB⁺22, HB14, MB14]. **engineering** [Ame83]. **Equations** [Ber82, BJ84, BO84, BJ85a, Ber85a, BL89, BL90a, BCF83, BJ85b, BL91a]. **Error** [AB02]. **Estimation** [AB02]. **Euler** [BJ84, BJ85a, BJ85b, BL89, BME93, MBAW95]. **Explicit** [MB17, MB14].

F [MAB04b]. **F/A** [MAB04b]. **F/A-18** [MAB04b]. **Fifteenth** [KFC97]. **Filling** [ABM04]. **Finite** [Ber87a, BLS94, HK02, MB13, BCHL09, BG21, LGB11, HK02]. **First** [SK96]. **Flow** [BAMM05, FB99, WB96, BM95, BM96, Ber04]. **Flows** [BME93, DAB⁺99]. **Fluid** [Ano89, Ber87a, KFC97, SB85, DG95, EOS85]. **France** [HK02, SB85].

Gas [BHOR83, HRBO83]. **generated** [Ber22]. **Generation** [ABM98a, Ber86, BR92, BME93, DAB⁺99, ABM97, ABM98b, Ber02, Ber04].

Geometries

[BL89, BL91b, DAB⁺99, HBL05, BM95, BM96, BH02, Ber04, FB99, KB06].

Geometry

[BAM96, ABM97, ABM98b, BAA01, Ber02].

Gif [SB85]. **Gif-sur-Yvette** [SB85].

Gif-sur-Yvette/France [SB85]. **Grid**

[BJ85a, Ber86, Ber87b, BL90b, BR92, BME93, BH02, DAB⁺99, HBL05, MBAW95, WB96, BM95, BM96, Ber02, Ber04, HB14].

Grids [BL91b, BHL03, BAM05, ABA95, ABA00, BLS94, BH12, FB99, GAB⁺22].

Guide [BB⁺78].

half [Gau94]. **half-century** [Gau94]. **held** [KFC97, MMM93, S⁺93]. **Henry** [BBE⁺25].

High

[DAB⁺99, HBL05, KB06, MAB05, MAB07].

High-order [KB06]. **High-Resolution**

[HBL05]. **High-Reynolds** [DAB⁺99].

Hybrid [BAMM05, DAB⁺99].

Hybrid-Cartesian [DAB⁺99].

Hydrodynamics [BC89]. **Hyperbolic** [BBSW94, Ber82, BO84, Ber85a, BL90a, BL98, BHL03, EG90, BL91a, HB14, MAB⁺16].

IEEE [ACM05]. **III** [HK02]. **immersed** [RPB99]. **impact** [BL23]. **implementation** [KB06]. **Implicit**

[BL24, MB17, MAB03a, MB14].

Independent [WB96]. **Infrastructures**

[ZPCL08]. **Interfaces** [Ber85b, Ber87b].

International

[DeG85, EG90, HK02, KFC97, SB85].

involving [FB99]. **Irregular**

[BHL03, BAM05, BLS94]. **Island** [HK02].

issue [BW05].

Jameson [BW05]. **Jersey** [SK96]. **Jr.**

[BBE⁺25]. **June**

[Ano89, DG95, EG90, KFC97, SK96].

Lake [ASB75]. **Large** [EOS85]. **Large-scale** [EOS85]. **Laws**

[BBSW94, BHL03, HBL05, BH02]. **Layer**

[ABA06]. **Level** [MAB02, MAB04a].

Library [BB⁺78]. **Limiters**

[BAM05, MB13]. **Local** [BC89]. **Logically**

[BCHL09].

Machine [BS93]. **March** [S⁺93].

mathematics [Gau94, S⁺83, Gau94].

McKean [BBE⁺25]. **MD** [BCF83].

mechanics [EOS85]. **merging** [Ber15].

Mesh [AMB95, ABM98a, ABA06, BBSW94, Ber82, BHOR83, Ber83, BO84, Ber85a,

Ber85b, BL89, Ber89a, BC89, Ber89b,

BL90a, BS93, BL98, BL24, ABM97,

ABM98b, BA98, HRBO83]. **Meshes**

[AB02, BL90a, MB13, MB17, BL91a,

BAA01, Ber17, BG21, MB14]. **Method**

[BJ84, HBL05, MBAW95, MAB02, MAB03a,

MAB03b, MAB04a, MAB04b, ABA95,

ABA00, BJ85b, BM95, BM96, BH12, RPB99].

Methods [AMB95, ABM04, BOR81, Ber87a, BAM96, BHL03, EG90, KFC97, MMM93, SB85, WKB⁺08, BCF83, BLS94, BA98, BH02, BCHL09, HB14, LGB11]. **Michigan** [ASB75]. **mixed** [MB14]. **Modeling** [AMB95, WKB⁺08, Ber02, Ame83]. **modelling** [LGB11]. **Models** [ASB75]. **Monterey** [KFC97]. **Montreal** [Ame83]. **Motion** [MAB03b, SK96]. **Mountain** [MMM93]. **Moving** [MAB03a, FB99]. **Multi** [MAB02, MAB04a]. **Multi-Level** [MAB02, MAB04a]. **Multigrid** [BJ84, BVM93, MMM93, BJ85b, BAA01]. **Multilevel** [AB02, ABA95, ABA00]. **Multiprocessors** [BB85, BB87].

NASA [MAB05, MAB07]. **National** [MMM93]. **Ninth** [SB85]. **Non** [BB87, MB13]. **Non-Coordinate-Aligned** [MB13]. **Non-Uniform** [BB87]. **Norfolk** [S⁺93]. **note** [Ber15]. **November** [ACM05]. **Number** [DAB⁺99]. **Numerical** [ASB75, BB⁺78, EG90, KFC97, MAB02, MAB04a, SB85, BK88].

one [BLS94]. **one-dimensional** [BLS94]. **open** [MAB⁺16]. **order** [KB06].

P [BBE⁺25]. **papers** [DG95]. **Parabolic** [BOR81]. **Paradigm** [BAMM05]. **Parallel** [BOR81, Ber89a, BAA01, DeG85, S⁺93, ZPCL08, ABA95, ABA00]. **Park** [BCF83]. **Partial** [Ber82, BO84, BL90a, BCF83, BL91a]. **Partitioning** [BB85, BB87]. **PDEs** [BB85, MAB⁺16]. **Performance** [ABB⁺06, BAMM05]. **physical** [S⁺83]. **pieces** [Ber04]. **Point** [BR92]. **Porquerolles** [HK02]. **Predictor** [BOR81]. **Predictor-Corrector** [BOR81]. **Preface** [BW05]. **problem** [Sch81]. **Problems** [BOR81, BB87, EG90, HB14]. **Proceedings** [BCF83, EG90, KFC97, MMM93, SB85, ACM05, DeG85, SK96, S⁺93]. **Processing**

[DeG85, S⁺93, Ber02]. **Processors** [BOR81, Ber89a]. **Program** [BB⁺78]. **Programming** [BAMM05]. **Propagation** [BL98, BL24, BL23]. **Provably** [BG24]. **Putting** [Ber04].

Quad [WB96].

ratios [BA98]. **rectangular** [BCHL09]. **Redistribution** [BG24, BG21, GAB⁺22]. **refined** [ABA95, ABA00, LGB11]. **Refinement** [AB02, BBSW94, Ber82, BHOR83, Ber83, BO84, BJ85a, Ber85a, Ber85b, Ber89a, BC89, Ber89b, BL90a, BS93, BL98, BL24, BL91a, BCHL09, HRBO83]. **rescaling** [BK88]. **Resolution** [HBL05, MAB05, MAB07]. **review** [Ber22]. **Reynolds** [DAB⁺99]. **Robust** [ABM97, ABM98b]. **Rolling** [MAB02, MAB04a]. **Rolling-Airframes** [MAB02, MAB04a]. **Rotated** [BL91b, HBL05].

San [DG95]. **scale** [EOS85]. **Scheme** [BL91b, MB17, MB14]. **Schemes** [MB13, BG21]. **sciences** [S⁺83]. **Scientific** [S⁺93, Ame83, S⁺83]. **Seattle** [ACM05]. **Separation** [MAB04b]. **Shock** [BC89]. **SIAM** [S⁺93]. **simplified** [BH12]. **Simulation** [MAB02, MAB04a, Ame83]. **Simulations** [MAB03b, MAB04b, BL23, FB99]. **Sixth** [S⁺93, MMM93]. **Slope** [BAM05, MB13]. **solid** [KB06]. **Solution** [BOR81]. **Solutions** [WB96, BK88]. **Solver** [BAMM05, WB96]. **solvers** [Ber04, Ber17, Sch81]. **solving** [MAB⁺16]. **Some** [Ber89b]. **source** [MAB⁺16]. **Space** [ABM04, MMM93]. **Space-Filling** [ABM04]. **Special** [BW05]. **sphere** [BCHL09]. **Stability** [Ber85b, Ber15]. **Stable** [BL90b, BG24]. **State** [BG24, BG21, GAB⁺22]. **steady** [BM95, BM96]. **stepping** [MB14]. **Store** [MAB04b]. **Strategy** [BB85, BB87].

Structured [BS93]. **Structures** [Ber83, Ber86]. **Supercomputer** [MAB05, MAB07]. **Supercomputing** [ACM05]. **Surface** [AMB95, Ber02]. **Sweden** [EG90]. **Symposium** [Gau94, HK02]. **Systems** [Ame83, BL98].

technical [DG95]. **test** [BM95, BM96]. **Theory** [EG90]. **Third** [HK02, EG90]. **Three** [BBSW94]. **Three-Dimensional** [BBSW94]. **Time** [BOR81, MB14]. **Time-Dependent** [BOR81]. **together** [Ber04]. **Triangle** [Ber02]. **tribute** [BBE⁺25]. **Tsunami** [BL24, LGB11, BL23]. **tsunamis** [Ber22]. **Two** [MB13]. **Two-Dimensional** [MB13].

Uniform [BB87]. **Unstructured** [BVM93]. **Uppsala** [EG90]. **USA** [BCF83, KFC97, S⁺93]. **User** [BB⁺78]. **Using** [BL98, MAB07, MAB02, MAB04a, ABB⁺06, BAMM05, MAB05].

VA [S⁺93]. **Vancouver** [Gau94]. **Verification** [ASB75]. **version** [RPB99]. **Viscous** [WB96]. **Volume** [MB13, BLS94, BCHL09, BG21, LGB11]. **volumes** [HK02].

WA [ACM05]. **wall** [KB06]. **Wave** [BL98]. **Wave-Propagation** [BL98]. **Weighted** [BG24, GAB⁺22]. **Workshop** [BCF83, MMM93]. **World** [Ame83].

York [Ano89]. **Yvette/France** [SB85].

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[ABA00]

[ABA06]

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