

# A Bibliography of Publications of Riccardo Fazio

Riccardo Fazio  
University of Messina  
Mathematics  
Sant'Agata, Messina 98166  
Italy

Tel: +39 (0) 90 676 3064  
FAX: +39 (0) 90 393502

E-mail: rfazio@na-net.ornl.gov (Internet)

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## Abstract

This bibliography records publications of Riccardo Fazio.

## Title word cross-reference

1 [FR10]. 3 [JFA03]. **A** [Faz01b]. **L** [Faz01b].  
- [Faz01b]. **-stability** [Faz01b].

**13th** [BK92]. **14th** [Ame94]. **1987** [DG88].  
**1990** [EG91]. **1991** [AvdH91, BK92]. **1992**  
[ITV93, OD93].

**2000** [FW01]. **2001** [BBCM03].

**4th** [BBCM03].

**'94** [Ame94].

**accuracy** [JF04, JF06]. **Acireale** [ITV93].

**action** [FI09a, FI14]. **Adaptive**  
[Faz09a, JF04, JF06]. **advanced**  
[BBCM03, ITV93]. **Advection**  
[FI09b, FJ09, FI08a, FJ08]. **al** [Faz90b].  
**Algorithm** [Faz13a, Faz13b]. **algorithms**  
[BK92]. **Analysis** [FIJ<sup>+</sup>10, Faz89, FE90,  
Faz91d, Faz92e, Faz96a, Faz02a, ITV93].  
**analytical** [FI14, ITV93]. **Applications**  
[Faz96a, BBCM03, EG91, Faz99a, FW01,  
Faz99b]. **Applied** [Ame94, AvdH91, BK92,  
Faz90c, Faz90e, FI08a, Faz08a, OD93].  
**Approach** [Faz96b, Faz98, Faz94d, Faz95,  
Faz97b, Faz03b]. **approccio** [Faz95]. **April**  
[OD93]. **aquarium** [FJ06b]. **arbitrary**  
[Faz88a]. **area** [Faz88a]. **aspects** [OD93].  
**Atlanta** [Ame94]. **axisymmetric** [Faz87].

**bar** [Faz92c]. **based** [FI10a, FI10b]. **bio**  
[FJ06b]. **bio-chemical** [FJ06b]. **Blasius**  
[Faz92a, Faz08b, Faz09b, Faz13a, Faz13b].  
**Boundary** [Faz96b, Faz98, FR10, Faz13c,  
Faz90a, Faz90d, Faz90c, Faz90e, FE90,  
Faz91a, Faz91c, Faz91d, Faz92a, Faz92b,

Faz92c, Faz92e, FE93a, FE93b, Faz94c, Faz97b, Faz97a, Faz01a, Faz02b, Faz02a, Faz03b, FI10c]. **boundary-value** [Faz90c]. **box** [Faz03b]. **breaking** [Faz88a]. **BVPs** [Faz02b, Faz03b, FJ14, FJ12].

### **Capillary**

[FIJ<sup>+10</sup>, FIJ<sup>+12</sup>, CPI<sup>+06</sup>, CPJ<sup>+09</sup>, CPI<sup>+09</sup>, FIJ<sup>+07</sup>, FI09a, FJ10, FI14]. **Catania** [ITV93]. **Central** [FR10]. **channel** [Faz88a]. **chemical** [FJ06b]. **Class** [Faz13c, Faz88b, Faz89]. **classes** [STFG11]. **CLAWPACK** [FL03]. **Comparison** [Faz03a]. **complexity** [JF04, JF06]. **Computation** [Ame94]. **computational** [ITV93, OD93, AvdH91, BK92]. **concept** [Faz99a, Faz99b]. **concepts** [Faz96a]. **Conditions** [FR10]. **Conference** [BBCM03, EG91, OD93, FW01]. **Congress** [AvdH91, Ame94, BK92]. **conservative** [Faz03a]. **construction** [FI06]. **constructive** [Faz94d]. **continuous** [DG88]. **continuum** [Faz87]. **contorno** [Faz90b]. **Coordinates** [FR10]. **cross** [Faz88a]. **cross-sectional** [Faz88a].

**D** [FR10, JFA03]. **Deck** [FI06]. **defined** [Faz95]. **definiti** [Faz95]. **deformations** [Faz87]. **Detection** [CCC<sup>+10</sup>b, CCC<sup>+10</sup>a]. **difference** [Faz88b, Faz89, FE93a, FJ12, FJ14]. **differential** [AvdH91, Faz95]. **differenziali** [Faz95]. **Dimensional** [FIJ<sup>+12</sup>, CPJ<sup>+09</sup>, CPI<sup>+09</sup>, FL98, Faz01a, FL03, FI09a, FJ10, FI14]. **discontinuity** [Faz90f]. **Dispersive** [FI09b, FJ06a]. **Dissipative** [FJ91]. **domains** [Faz95, FI10c]. **domini** [Faz95]. **driven** [FIJ<sup>+07</sup>]. **driving** [VFM<sup>+14</sup>]. **Dublin** [AvdH91, BK92]. **Dynamics** [FIJ<sup>+10</sup>, FIJ<sup>+12</sup>, CPI<sup>+06</sup>, CPJ<sup>+09</sup>, CPI<sup>+09</sup>, FI09a, FJ10, FI14, JFA03].

**Effects** [FJ91]. **eighth** [FW01]. **elastic**

[Faz87, Faz88a]. **entanglement** [STFG11]. **Entrapped** [FI09a, FI14]. **ENUMATH** [BBCM03]. **Environment** [CCC<sup>+10</sup>b, CCC<sup>+10</sup>a]. **Equation** [FJ09, Faz94a, Faz94b, FJ08]. **equations** [AvdH91, Faz88b, Faz89]. **equivalence** [Faz93a, Faz93b, FI08b, FI10a, FI10b]. **error** [FI08a]. **estimation** [Faz91b, Faz92d]. **Eulerian** [FR01]. **European** [BBCM03]. **evaluations** [Faz90f]. **existence** [Faz97a]. **explicit** [Faz10]. **Extended** [FIJ<sup>+10</sup>, FIJ<sup>+12</sup>]. **Extension** [Faz13a, Faz13b].

### **failure** [Faz10]. **Falkner**

[Faz94a, Faz94b, Faz13a, Faz13b]. **February** [FW01]. **February/March** [FW01]. **filled** [Faz88a]. **Finite** [Faz89, FJ12, FJ14, Faz87, Faz88b]. **first** [FI08a]. **flow** [Faz91b, Faz92d]. **flows** [FIJ<sup>+07</sup>]. **fluid** [Faz88a]. **Flux** [FJ09]. **formulated** [Faz92a]. **formulation** [FI10c]. **Fourth** [OD93]. **Free** [Faz98, Faz90a, Faz90d, Faz90e, FE90, Faz91a, Faz92a, Faz92b, Faz97b, Faz97a, Faz02b, Faz03b].

**gas** [FI09a, FI14]. **Gathering** [FI06].

**Georgia** [Ame94]. **grids** [FJ12, FJ14]. **Group** [Faz94a, Faz89, Faz94b, ITV93]. **Groups** [FI10d, FI10a, FI10b].

**Horizontal** [FIJ<sup>+10</sup>, FIJ<sup>+12</sup>, CPI<sup>+06</sup>, CPJ<sup>+09</sup>, CPI<sup>+09</sup>, FJ10]. **Hyperbolic** [EG91, Faz88b, Faz89, Faz90f, Faz90d, Faz91d, Faz92c, FE93a, FE93b, FL98, FR01, Faz02a, Faz03a, FL03, OD93, FW01].

**identification** [Faz02b]. **II** [AvdH91]. **III**

[FJ10]. **IMACS**

[AvdH91, Ame94, BK92, Ame94].

**immiscible** [FIJ<sup>+07</sup>]. **impact** [Faz92c].

**Implicit** [FJ06a, FE93a, FI08a]. **Industrial** [CCC<sup>+10</sup>b, CCC<sup>+09</sup>, CCC<sup>+10</sup>a]. **Infinite** [Faz96b, Faz95, Faz97b, Faz02b, Faz03b,

FJ12, FJ14]. **infiniti** [Faz95]. **initial** [Faz01b]. **initial-value** [Faz01b]. **instance** [Faz10]. **Institute** [Ame94]. **integrazione** [Faz90b]. **Interface** [FR10, FR01, Faz03a]. **International** [EG91, OD93, FW01, ITV93]. **Intervals** [Faz96b, Faz97b, Faz02b, Faz03b, FJ12, FJ14]. **Invariance** [Faz87, FIJ<sup>+</sup>12, Faz13c, Faz94a, Faz94b, Faz08a]. **Ireland** [AvdH91, BK92]. **Ischia** [BBCM03]. **isotropic** [STFG11]. **Italian** [Faz95]. **Italy** [ITV93, OD93]. **Iterative** [Faz12, Faz13c, Faz91a, Faz91b, Faz92b, Faz93a, Faz94c, Faz01a, FI10a, FI10b, FI10d, Faz15]. **IVPs** [Faz09a]. **July** [AvdH91, Ame94, BK92, BBCM03]. **June** [EG91]. **Keller** [Faz03b]. **Lagrangian** [FR01, FR10]. **length** [Faz91b, Faz92d]. **libero** [Faz90b]. **Limiters** [FJ09]. **Linear** [FI09b, Faz90f, FI08a]. **Liquid** [CCC<sup>+</sup>09, FIJ<sup>+</sup>10, FIJ<sup>+</sup>12, CPJ<sup>+</sup>09, CPI<sup>+</sup>09, FJ10, FI14]. **liquids** [CPI<sup>+</sup>06, FIJ<sup>+</sup>07]. **Local** [FI08a, STFG11]. **low** [JF04, JF06]. **Magdeburg** [FW01]. **Magic** [FI06]. **material** [Faz92c]. **materials** [Faz91c]. **Mathematical** [CPI<sup>+</sup>06, FJ06b, CPJ<sup>+</sup>09, CPI<sup>+</sup>09, ITV93, JFA03]. **Mathematics** [Ame94, AvdH91, BK92, BBCM03]. **MATLAB** [Faz10]. **means** [FJ09]. **measurements** [STFG11]. **media** [DG88]. **mesh** [FL98, FL03]. **Method** [Faz12, Faz13c, Faz90a, Faz90c, Faz90e, Faz91a, Faz91b, Faz92b, Faz94c, Faz01a, Faz15]. **Methods** [FI09b, FI10d, EG91, Faz88b, Faz89, Faz93a, Faz93b, Faz94d, FL98, Faz01b, FL03, FJ06a, FI08a, Faz08b, Faz09b, FI10a, FI10b, ITV93]. **Metodi** [Faz90b]. **mobile** [Faz90b]. **model** [FIJ<sup>+</sup>07, Faz08a, Faz13a, Faz13b, JFA03]. **modeling** [CPI<sup>+</sup>06, CPJ<sup>+</sup>09, CPI<sup>+</sup>09, FJ06b]. **Models** [FIJ<sup>+</sup>12, FI08a, FI09a, FJ10]. **Modern** [ITV93]. **Moving** [FL98, FL03, Faz13c, Faz91c, Faz91d, Faz92b, Faz92c, Faz92e, FE93a, FE93b, Faz94c, Faz01a, Faz02a, FI10c]. **Moving-mesh** [FL98, FL03]. **mucilage** [JFA03]. **Non** [Faz93a, FI10d, Faz91a, FI10a, FI10b]. **Non-iterative** [Faz93a, FI10d, Faz91a, FI10a, FI10b]. **Noniterative** [Faz93b, Faz90a, Faz90c]. **Nonlinear** [FJ91, Faz90d, OD93]. **Normal** [Faz90e]. **Novel** [Faz96b]. **numerica** [Faz90b]. **Numerical** [BBCM03, Faz90f, Faz92d, FE93b, Faz94d, Faz96b, Faz98, Faz99a, Faz08a, Faz09b, Faz99b, CPI<sup>+</sup>06, CPJ<sup>+</sup>09, CPI<sup>+</sup>09, EG91, FE90, Faz94a, Faz94b, Faz94c, Faz95, Faz96a, Faz97a, Faz01a, Faz01b, Faz02b, Faz02a, FJ06b, FI08b, Faz09a, FI14, BBCM03]. **numerico** [Faz95]. **numerics** [FW01]. **o** [Faz90b]. **October** [DG88, ITV93]. **ODE45** [Faz10]. **One** [CPJ<sup>+</sup>09, CPI<sup>+</sup>09, FIJ<sup>+</sup>12, FL98, Faz01a, FL03, FI09a, FJ10, FI14]. **One-Dimensional** [FIJ<sup>+</sup>12, CPJ<sup>+</sup>09, CPI<sup>+</sup>09, FL98, Faz01a, FL03, FI09a, FJ10, FI14]. **open** [VFM<sup>+</sup>14]. **Order** [FJ09, FR10, FI08a]. **papers** [AvdH91, BK92]. **Parabolic** [Faz13c, Faz92e, Faz94c, Faz01a, FI10c]. **March** [FW01]. **Penetrant** [CCC<sup>+</sup>10b, CCC<sup>+</sup>09, CCC<sup>+</sup>10a]. **penetration** [FIJ<sup>+</sup>07]. **physics** [ITV93]. **Piston** [FR10]. **point** [Faz90c]. **Pol** [Faz08a]. **posed** [FJ10]. **Positive** [FJ08, FJ09]. **potentials** [Faz87]. **prediction** [JFA03]. **Probability** [CCC<sup>+</sup>10a, CCC<sup>+</sup>10b]. **Problem**

[Faz12, Faz13a, Faz13b, Faz90a, Faz90d, Faz91a, Faz91c, Faz91d, Faz92a, Faz92c, FE93a, FE93b, Faz97b, Faz02a, Faz08b, Faz09b, Faz15]. **problem** [Faz90b, Faz95]. **Problems** [EG91, Faz96b, Faz98, FI09b, FR10, Faz13c, Faz90c, Faz90e, FE90, Faz92b, Faz92e, Faz94c, Faz95, Faz97b, Faz97a, FL98, Faz01a, FR01, Faz01b, Faz03a, FL03, FJ06a, FI10c, FW01, OD93]. **proceedings** [Ame94, BBCM03, EG91, ITV93, OD93]. **process** [CCC<sup>+09</sup>]. **propagation** [FJ06a]. **properties** [Faz87]. **Pseudo** [FI09b, FJ06a, FI08a]. **Pseudo-Spectral** [FI09b, FJ06a, FI08a].

**Quantitative** [STFG11]. **quantum** [VFM<sup>+14</sup>]. **quasi** [Faz90f, FJ12, FJ14]. **quasi-linear** [Faz90f]. **quasi-uniform** [FJ12, FJ14]. **quasilinear** [Faz88b, Faz89]. **quasilinear-hyperbolic** [Faz88b, Faz89].

**rate** [Faz91c, Faz92c]. **rate-type** [Faz91c, Faz92c]. **reactors** [Faz91b, Faz92d]. **reduction** [FI08a]. **related** [Faz90f]. **remarks** [Faz88b]. **revised** [AvdH91, BK92].

**Sakiadis** [Faz12, Faz15]. **Scaling** [FI08b, FIJ<sup>+12</sup>, Faz13c, Faz99a, Faz08a, FI10a, FI10b, Faz99b]. **scheme** [FE93a, Faz03b]. **Schemes** [FJ09, FR10, FR01, Faz03a, FJ08, FJ12, FJ14]. **Second** [FJ09, FR10]. **sectional** [Faz88a]. **selected** [AvdH91, BK92]. **shock** [Faz90f]. **shooting** [Faz90a, Faz91a]. **Similarity** [FE90, Faz91d, Faz92e, Faz98, Faz02a, FIJ<sup>+10</sup>, Faz90f, Faz96a]. **singular** [Faz02a]. **Skan** [Faz94a, Faz94b, Faz13a, Faz13b]. **Solution** [Faz96b, Faz98, FE93b, Faz94a, Faz94c, Faz97a, Faz01a]. **solutions** [Faz90f, Faz94b]. **solver** [Faz10]. **solvers** [Faz09a, JF04, JF06]. **Some** [Faz88b]. **Spectral** [FI09b, FJ06a, FI08a]. **spiral** [FI08b, FI10a, FI10b]. **stability** [DG88, Faz01b]. **stiff** [JF04, JF06].

**Stiffness** [Faz01b]. **strategies** [FI06, Faz09a]. **stress** [Faz92c]. **study** [FI14]. **surface** [FIJ<sup>+07</sup>]. **surface-driven** [FIJ<sup>+07</sup>]. **survey** [Faz02b]. **Sweden** [EG91]. **systems** [Faz90f, VFM<sup>+14</sup>].

**Taormina** [DG88, OD93]. **Technology** [Ame94]. **test** [Faz90a, Faz91a, Faz97b, Faz97a]. **Testing** [CCC<sup>+10</sup>b, CCC<sup>+09</sup>, CCC<sup>+10</sup>a]. **theoretical** [OD93]. **theory** [BK92, EG91, Faz94b, FW01]. **Third** [EG91]. **Töpfer** [Faz13b, Faz13a].

#### Transformation

[Faz08b, FI10d, Faz12, Faz13c, Faz90a, Faz90c, Faz90e, Faz91a, Faz91b, Faz92b, Faz93a, Faz93b, Faz94c, Faz94d, Faz01a, Faz09b, FI10a, FI10b, Faz15]. **Transitionless** [VFM<sup>+14</sup>]. **Translation** [FI10d]. **trasformazione** [Faz90b]. **truncated** [Faz02b]. **tube** [Faz88a]. **tubular** [Faz91b, Faz92d]. **two** [Faz90c, Faz03a, FIJ<sup>+07</sup>]. **two-point** [Faz90c]. **type** [Faz91c, Faz92c].

**unbounded** [FI10c]. **uniform** [FJ12, FJ14]. **uniqueness** [Faz97a]. **Uppsala** [EG91]. **USA** [Ame94]. **using** [FL03].

**Value** [Faz96b, Faz90d, Faz90c, Faz90e, FE90, Faz92a, Faz92b, Faz97b, Faz01b]. **variables** [Faz90e]. **variants** [Faz08b, Faz09b]. **velocity** [Faz90f]. **via** [STFG11]. **viewpoint** [FI08b].

**wave** [FJ06a]. **Waves** [FJ91, Faz88a, DG88]. **well** [FJ10]. **well-posed** [FJ10]. **Werner** [STFG11]. **within** [Faz94b]. **witnesses** [STFG11]. **workshop** [ITV93]. **World** [AvdH91, Ame94, BK92].

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