

# A Complete Bibliography of Publications in *Applied Mathematics and Computation*: 2025–2029

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org), [beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <https://www.math.utah.edu/~beebe/>

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## Title word cross-reference

1 [JSZ25]. 3 [MR25]. 4 [LZ25].

-factorization [JSZ25]. -independence [LZ25].

1 [Ano25a]. 15 [Ano25b].

2025 [Ano25a, Ano25b].

**Acoustics** [ALC<sup>+</sup>25]. **action** [MMNP25].  
**actuator** [SNP25]. **adaptive** [ZLA25, ZLCL25]. **advection** [PP25].  
**advection-diffusion** [PP25]. **against** [SNP25]. **algorithms** [LTH<sup>+</sup>25]. **Allen** [OGPFVV25]. **allocation** [RS25]. **Analysis** [FBK25, ALC<sup>+</sup>25]. **applied** [TNL25].

**approach** [DAG25]. **associative** [SNP25].  
**asynchronous** [MCH25]. **Attack** [MCH25].  
**Attack-compensated** [MCH25]. **attacks** [ZLCL25]. **attitude** [ZLCL25]. **avoidance** [ZLA25].

**B** [PP25]. **B-splines** [PP25]. **background** [RS25]. **Barrier** [ZLA25]. **Barrier-function** [ZLA25]. **based** [PP25, ZLA25]. **basis** [TNL25]. **bidirectional** [SNP25]. **blind** [IAK25]. **Board** [Ano25c, Ano25d].  
**boundary** [ALC<sup>+</sup>25, OGPFVV25].

**Cahn** [OGPFVV25]. **collision** [ZLA25].  
**collocation** [PP25]. **compact** [MR25].  
**compensated** [MCH25]. **competitive** [FBK25]. **complete** [JSZ25, LYM25].  
**conditions** [ALC<sup>+</sup>25, OGPFVV25].  
**consensus** [GPL25]. **conservation**

[TNL25]. **constrained** [GPL25]. **control** [GPL25, MCH25, SNP25, ZLA25, ZLCL25]. **cross** [FBK25]. **cross-immunity** [FBK25].

**D** [MR25]. **deblurring** [IAK25]. **deception** [ZLCL25]. **delayed** [SZY25, SNP25]. **description** [MMNP25]. **deterministic** [DAG25]. **difference** [OGPFVV25]. **differential** [GPL25]. **diffusion** [PP25]. **Dirichlet** [ALC<sup>+</sup>25]. **disease** [FBK25]. **distribution** [MP25]. **driven** [GPL25]. **Dynamic** [GPL25, ZLCL25]. **dynamics** [Che25].

**Editorial** [Ano25c, Ano25d]. **effects** [FBK25]. **eigenvalue** [LYM25, MP25]. **Epidemic** [FBK25]. **epidemics** [MMNP25]. **equation** [LTH<sup>+</sup>25, PP25]. **equations** [ALC<sup>+</sup>25, MR25, OGPFVV25]. **Erdos** [MMNP25]. **estimates** [TNL25]. **estimation** [SZY25]. **event** [GPL25, ZLCL25]. **event-driven** [GPL25]. **event-triggered** [ZLCL25]. **Exploring** [MMNP25]. **exponential** [MR25]. **extrema** [LZ25].

**factorization** [JSZ25]. **failure** [SNP25]. **feedback** [MCH25, SNP25]. **field** [MMNP25]. **finite** [OGPFVV25]. **finite-difference** [OGPFVV25]. **form** [MR25]. **fourth** [PP25]. **fragile** [SNP25]. **framework** [MAMFBM<sup>+</sup>25]. **frictions** [RS25]. **function** [TNL25, ZLA25].

**games** [GPL25]. **generalized** [LZ25]. **given** [LZ25]. **graphical** [GPL25]. **graphs** [LYM25, LZ25, MP25]. **growth** [BDL25].

**high** [MR25, ZLA25]. **high-order** [MR25, ZLA25]. **hyperbolic** [PP25]. **hypergraph** [JSZ25]. **hypergraphs** [MAMFBM<sup>+</sup>25].

**image** [IAK25]. **immunity** [FBK25].

**Impenetrability** [ALC<sup>+</sup>25]. **implicit** [MR25]. **independence** [LZ25]. **influence** [DAG25]. **insurable** [RS25]. **investment** [RS25].

**January** [Ano25a, Ano25b].

**Laplacian** [LYM25, MP25]. **law** [LTH<sup>+</sup>25, MMNP25]. **laws** [TNL25]. **least** [LYM25]. **Level** [IAK25, MR25]. **limits** [MMNP25]. **linear** [MR25, TNL25]. **Local** [LTH<sup>+</sup>25]. **Lotka** [Che25].

**mass** [MMNP25]. **mean** [MMNP25]. **mechanism** [Che25]. **memory** [SNP25]. **memristive** [SZY25, SNP25]. **metastatic** [BDL25]. **method** [IAK25, PP25]. **methods** [TNL25]. **mimetic** [OGPFVV25]. **Minimizing** [LYM25]. **model** [Che25]. **Modelling** [DAG25]. **models** [BDL25]. **multiagent** [GPL25].

**networks** [MMNP25, SZY25, SNP25]. **neural** [SZY25, SNP25]. **Non** [SNP25, JSZ25]. **Non-fragile** [SNP25]. **non-uniform** [JSZ25]. **nonlinear** [ALC<sup>+</sup>25, LTH<sup>+</sup>25, RS25, ZLA25]. **nonlinearity** [LTH<sup>+</sup>25]. **nonperiodic** [OGPFVV25]. **note** [JSZ25]. **number** [LZ25]. **Numerical** [ALC<sup>+</sup>25, BDL25].

**operators** [OGPFVV25]. **Optimal** [RS25, GPL25]. **order** [LZ25, MR25, PP25, SZY25, ZLA25]. **output** [MCH25, SNP25]. **output-feedback** [SNP25].

**parabolic** [MR25]. **Pattern** [Che25]. **periodic** [OGPFVV25]. **polynomial** [PP25]. **portfolio** [RS25]. **poverty** [DAG25]. **power** [LTH<sup>+</sup>25]. **predefined** [ZLCL25]. **predefined-time** [ZLCL25]. **preserving** [LTH<sup>+</sup>25]. **prevalence** [DAG25]. **probability** [MCH25]. **problems**

- [IAK25]. **prostitution** [DAG25].
- quarantine** [FBK25]. **quasi** [MR25].
- quasi-linear** [MR25]. **QUAV** [ZLCL25].
- radial** [TNL25]. **Reachable** [SZY25].
- Redefined** [PP25]. **Rényi** [MMNP25].
- respiratory** [FBK25]. **risk** [RS25].
- scalar** [TNL25]. **scale** [MAMFBM<sup>+</sup>25].
- scheme** [MR25]. **Schrödinger** [LTH<sup>+</sup>25].
- second** [SZY25]. **second-order** [SZY25].
- set** [SZY25]. **signed** [LYM25]. **sojourn** [MCH25].
- solution** [BDL25]. **Solving** [OGPFVV25, PP25]. **spectral** [LZ25].
- splines** [PP25]. **Stability** [TNL25]. **state** [GPL25]. **state-constrained** [GPL25].
- stochastic** [DAG25, MCH25]. **structure** [LTH<sup>+</sup>25]. **structure-preserving** [LTH<sup>+</sup>25].
- sum** [GPL25]. **switching** [MCH25]. **system** [FBK25]. **systems** [MCH25, ZLA25].
- taxis** [Che25]. **thresholds** [FBK25]. **time** [ZLCL25]. **Topological** [MAMFBM<sup>+</sup>25].
- tracking** [ZLA25]. **trajectory** [ZLA25].
- treatment** [BDL25]. **triggered** [ZLCL25].
- tumor** [BDL25]. **Two** [IAK25, MR25].
- Two-Level** [IAK25, MR25].
- unicyclic** [MP25]. **uniform** [JSZ25, PP25].
- unknown** [ZLCL25]. **using** [OGPFVV25].
- Volterra** [Che25]. **vs** [DAG25].
- wave** [ALC<sup>+</sup>25].
- zero** [GPL25]. **zero-sum** [GPL25].
- [Ano25a]
- [Ano25b]
- [Ano25c]

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Anonymous. 1 January 2025. *Applied Mathematics and Computation*, 484 (??):??, January 1, 2025. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic).

**Anonymous:2025:Jb**

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**Anonymous:2025:EBa**

Anonymous. Editorial Board. *Applied Mathematics and Computation*, 484 (??):??, January 1, 2025. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300324005101>.

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| <p><b>Anonymous:2025:EBb</b></p> <p>[Ano25d] Anonymous. Editorial Board. <i>Applied Mathematics and Computation</i>, 485(??):??, January 15, 2025. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0096300324005241">http://www.sciencedirect.com/science/article/pii/S0096300324005241</a>.</p>   | <p>titution under the influence of poverty: a deterministic vs. stochastic approach. <i>Applied Mathematics and Computation</i>, 485(??):??, January 15, 2025. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0096300324004910">http://www.sciencedirect.com/science/article/pii/S0096300324004910</a>.</p>   |
| <p><b>Bulai:2025:NSM</b></p> <p>[BDL25] I. M. Bulai, M. C. De Bonis, and C. Laurita. Numerical solution of metastatic tumor growth models with treatment. <i>Applied Mathematics and Computation</i>, 484(??):??, January 1, 2025. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0096300324004491">http://www.sciencedirect.com/science/article/pii/S0096300324004491</a>.</p> | <p><b>Fome:2025:ACR</b></p> <p>[FBK25] Anna Daniel Fome, Wolfgang Bock, and Axel Klar. Analysis of a competitive respiratory disease system with quarantine: Epidemic thresholds and cross-immunity effects. <i>Applied Mathematics and Computation</i>, 485(??):??, January 15, 2025. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0096300324004296">http://www.sciencedirect.com/science/article/pii/S0096300324004296</a>.</p> |
| <p><b>Chen:2025:PDL</b></p> <p>[Che25] Mengxin Chen. Pattern dynamics of a Lotka–Volterra model with taxis mechanism. <i>Applied Mathematics and Computation</i>, 484(??):??, January 1, 2025. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0096300324004788">http://www.sciencedirect.com/science/article/pii/S0096300324004788</a>.</p>                                     | <p><b>Guo:2025:DED</b></p> <p>[GPL25] Siyu Guo, Yingnan Pan, and Hongyi Li. Dynamic event-driven optimal consensus control for state-constrained multiagent zero-sum differential graphical games. <i>Applied Mathematics and Computation</i>, 484(??):??, January 1, 2025. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0096300324004296">http://www.sciencedirect.com/science/article/pii/S0096300324004296</a>.</p>            |
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