
LIST OF PUBLICATIONS

YOSSI FARJOUN

Published

13. with D. Schaeffer, *A thin cantilever beam in a flow* ; Proceedings of ICNAAM 2011 ; AIP Conference Proceedings **1389**, (2011) pp. 1446–1449
12. with J. C. Neu, *Aggregation according to classical kinetics: From nucleation to coarsening* ; Phys. Rev. E **83**, (2011) p. 51607 ; arXiv:0903.0861
11. with B. Seibold *An exact particle method for scalar conservation laws and its application to stiff reaction kinetics* ; Meshfree Methods for Partial Differential Equations V, pp. 105–124 ; arXiv:1001.2840
10. with B. Seibold, *A rarefaction-tracking method for hyperbolic conservation laws*; Journal of Engineering Mathematics **66** 1 (2010) pp. 237 ; arXiv:0901.0298
9. with R. Ehrenborg, *Asymptotics of the Euler number of bipartite graphs*; Advances in Applied Mathematics **44** (2010) pp. 155–167 ; arXiv:0704.1782
8. with B. Seibold, *An exactly conservative particle method for one dimensional scalar conservation laws*; Journal of Computational Physics **228** (2009) 5298–5215 ; arXiv:0809.0726
7. *Creation of clusters via a thermal quench* ; Progress in Industrial Mathematics at ECMI 2008 ; Mathematics in Industry **15** ; pp. 463–468 ; arXiv:0810.3249
6. with J. C. Neu, *Exhausting homogeneous nucleation in a closed system*; Physical Review E **78**, 051402 (2008) ; arXiv:cond-mat/0702372
5. with B. Seibold, *Solving one dimensional scalar conservation laws by particle management* ; Meshfree Methods for Partial Differential Equations IV (2008), Lecture Notes in Computational Science and Engineering **65** ; arXiv:0801.1495
4. with J. C. Neu, *An asymptotic solution of aggregation dynamics* ; Progress in Industrial Mathematics at ECMI 2006 pp. 368–375
3. with L. L. Bonilla, A. Carpio, and J. C. Neu, *Asymptotic and numerical studies of the Becker-Döring model for transient homogeneous nucleation* ; Markov Processes and Related Fields **12** (2006) pp. 341–365 ; arXiv:cond-mat/0603328
2. with J. C. Neu, *The tallest column—A dynamical system approach using a symmetry solution* ; Studies in Applied Math **115**:319-337 (2005) ; arXiv:0711.0730

1. with J. C. Neu, *The optimal shape of a javelin* ; Studies in Applied Math **115**:339-354 (2005) ; arXiv:0711.0734

Submitted for Review

- with D. G. Schaeffer, *The hanging thin rod: A singularly perturbed eigenvalue problem* ; Minor revisions requested by SIAM Review ; arXiv:1008:1912