

## Coarse Papers

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4. Coarse bifurcation analysis of kinetic Monte Carlo simulations: a lattice gas model with lateral interactions, A. G. Makeev, D. Maroudas, A. Z. Panagiotopoulos and I.G.K., *J. Chem. Phys.* **117**(18) pp.8229-8240 (2002)
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10. "Microscopic/Stochastic timesteppers and Coarse Control: a kinetic Monte Carlo example", C. I. Siettos, A. Armaou, A. G. Makeev and I. G. Kevrekidis *AIChE J.*, **49**(7) pp.1922-1926 (2003) Can be obtained as nlin.CG/0207017 at arXiv.org

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12. "Coarse Bifurcation Diagrams via Microscopic Simulators: a State-Feedback Control-Based Approach", C. I. Siettos, D. Maroudas and I. G. Kevrekidis, *Int. J. Bif. Chaos.*

13. "The gaptooth method in particle simulations", C. W. Gear, J. Li and I.G.K., to *Physics Letters A*, March 2003. Can be obtained as physics/0303010 at arXiv.org
14. "Time-steppers and coarse control of microscopic distributed processes", A. Armaou, C. I. Siettos and I. G. Kevrekidis, *Int. J. Robust and Nonlinear Control*, May 2003

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21. Bifurcation Diagrams through Microscopic Simulators: a State-Feedback Control-Based Approach, 3d Mediterranean Control Conference, Rhodes, Greece June 2003. Can be found as nlin.AO/0302005 at arXiv.org
22. Optimal Switching Policies using coarse timesteppers, A. Armaou and I. G. Kevrekidis, CDC conference, 2003
23. Nonlinear Order Reduction of Discretized Cell Population Models, Y. Zhang, M. A. Henson and I. G. Kevrekidis, ACC Conference, June 2003.
24. Time-steppers and coarse-grained control of microscopic distributed processes. A. Armaou, C. I. Siettos and I. G. Kevrekidis, ACC Conference, June 2003.