Resources for MRes Special Methods: *formal modelling and complexity*

Books:

- Gilbert, N. and Troitzsch, K. G. (2005) SIMULATION FOR THE SOCIAL SCIENTIST, Open University Press.
- Ball, P. (2004) Critical Mass - How one thing leads to another. Heinemann/Farrar.
- Joshua M. Epstein and Robert L. Axtell (1996) Growing Artificial Societies: Social Science from the Bottom Up. MIT Press.

Journals and Archives:

- Journal of Artificial Societies and Social Simulation - http://jasss.soc.surrey.ac.uk
- The NetLogo site of models and applets at: http://ccl.northwestern.edu/netlogo/
- Discussion papers of the Centre for Policy Modelling
  http://cfpm.org/cpmreps.html

Other papers:

- Nigel Gilbert Pietro Terna (1999) How to build and use agent-based models in social science. http://www.savannah-simulations.ch/about_simulation/agent_based/Gilbert_1999.pdf
- Rosaria Conte, et al. (2001). Sociology and Social Theory in Agent Based Social Simulation: A Symposium. Computational and Mathematical Organisation Theory. 7(3). http://www.springerlink.com/content/r056582566518236/fulltext.pdf?page=1
- Bruce Edmonds (2003) Against: a priori theory For: descriptively adequate computational modelling, In The Crisis in Economics: The Post-Autistic Economics Movement: The first 600 days, Routledge, 175-179. (http://www.btinternet.com/~pae_news/review/issue10.htm)

Other:

Slides and this document at **http://cfpm.org/mres**

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