

Math 309: Sources

Books

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- R. Axelrod. *The Complexity of Cooperation: Agent-Based Models of Competition and Collaboration*. Princeton (1997).
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- J. Holland. *Emergence: From Chaos To Order*. Basic Books (1999).
- S. Johnson. *Emergence: The Connected Lives of Ants, Brains, Cities, and Software*. Scribner (2002).
- D. Meadows. *Thinking in Systems: A Primer*. Chelsea Green (2008).
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- S. Strogatz. *Sync: How Order Emerges From Chaos In the Universe, Nature, and Daily Life*. Hachette (2004).
- P. Turchin. *Historical Dynamics: Why States Rise and Fall*. Princeton (2003).
- D. Watts. *Small Worlds: The Dynamics of Networks between Order and Randomness*. Princeton (2003).

Articles

- W. B. Arthur. “Complexity economics: A different framework for economic thought” (2013).
- G. Hardin. “The tragedy of the commons.” *Science* (1968).
- M. Newman. “The structure and function of complex networks” (2003).
- A. Provata, I. Sokolov, and B. Spagnolo. “Ecological complex systems.” *European Physical Journal B* (2008).
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