

# Publications

## Books

[\*Complexity Economics\*](#), Edited (with Eric Beinhocker and Allison Stanger) Santa Fe Inst Press, 2021.

[\*Complexity and the Economy\*](#), Oxford University Press, October 2014.

[\*The Nature of Technology: What it is and How it Evolves\*](#), Free Press, Simon & Schuster, August 2009.

[\*The Economy as an Evolving Complex System II\*](#). Edited (with S. Durlauf and D. Lane), Addison-Wesley, 1997.

[\*Increasing Returns and Path-Dependence in the Economy\*](#), University of Michigan Press, Ann Arbor, Mich., 1994.

*The Economic Consequences of Changing Age Distributions.* Edited (with R.D. Lee and G. Rodgers), Oxford University Press, 1987.

## Selected Papers and Articles

For papers available in downloadable PDF format see [Selected Papers](#).

“Economics in Nouns and Verbs,” in *Jnl of Econ Behavior and Organization*, 205, 638-647, 2023.

“Foundations of Complexity Economics.” *Nature Reviews Physics*, 3, 136-45, 2021.

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“Some Thoughts on Agent-based Modeling and the Role of Computation in Economics.” to appear in *Handbook of Complexity Economics*, P. Chen, W. Elsner, A. Pyka (eds.) Routledge, 2022.

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"Asset Pricing Under Endogenous Expectations in an Artificial Stock Market," with J.H. Holland, B. LeBaron, R. Palmer, and P. Tayler, SFI Paper 96-12-093, *Economic Notes*. Reprinted in *The Economy as an Evolving Complex System II*. Edited (with S. Durlauf and D. Lane), Addison-Wesley, 1997.

"Beyond Rational Expectations: Indeterminacy in Economic and Financial Markets" in *Frontiers of the New Institutional Economics*, J.N. Drobak and J.V. Nye (eds.), Academic Press, 1997.

"The End of Certainty in Economics," in *Einstein meets Magritte*, D. Aerts, J. Broekaert and E. Mathijs, eds. 1999, Kluwer academic Publishers, Holland. Reprinted in *The Biology of Business*, J.H. Clippinger, 1999, Jossey-Bass Publishers.

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- "Complexity in Economic and Financial Markets," *Complexity*, 1, 20-25, 1995
- "Artificial Economic Life: a Simple Model of a Stockmarket," with R. Palmer, J. Holland, B. LeBaron, and P. Taylor, *Physica D*, 75, 264-274, 1994
- "Inductive Reasoning and Bounded Rationality [The El Farol Problem]," *American Economic Review*, (A.E.A. Papers and Proc.), 84, 406-411, 1994
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