Economic Transformations and Trajectories:
A Dynamic Multiple-Network Approach

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Chapter 1. Introduction, John Padgett and Woody Powell

Part I: Theoretical background

Chapter 2 (or possibly Chapter 4, depending on how chapters develop). Dynamic Multiple Networks, in Renaissance Florence and the Contemporary Life Sciences. Padgett and Powell.

Chapter 3 (or 2). Structural Dynamics and Innovation in Autocatalytic Networks. Sanjay Jain, Physics, University of Delhi and SFI.

Chapter 4 (or 3). The Topology of the Possible: Evolutionary Lessons from Biochemistry. Walter Fontana, SFI.

Part II: The historical emergence of markets and finance

Chapter 5. The Emergence of International Banking in Renaissance Florence. John Padgett.


Chapter 8. The Emergence of a Financial System: Banks and Bankers in Post-Communist Russia. Andrew Spicer, Management, UC – Riverside, and Bruce Kogut, INSEAD.


Part III. Speciation in scientific and cultural industries


Chapter 11. The Emergence and Integration of the Life Sciences in the U.S. and Europe. W. Powell and Jason Owen-Smith, Sociology, Michigan.


Part IV. Chapter 15. Conclusion and implications, Padgett and Powell.