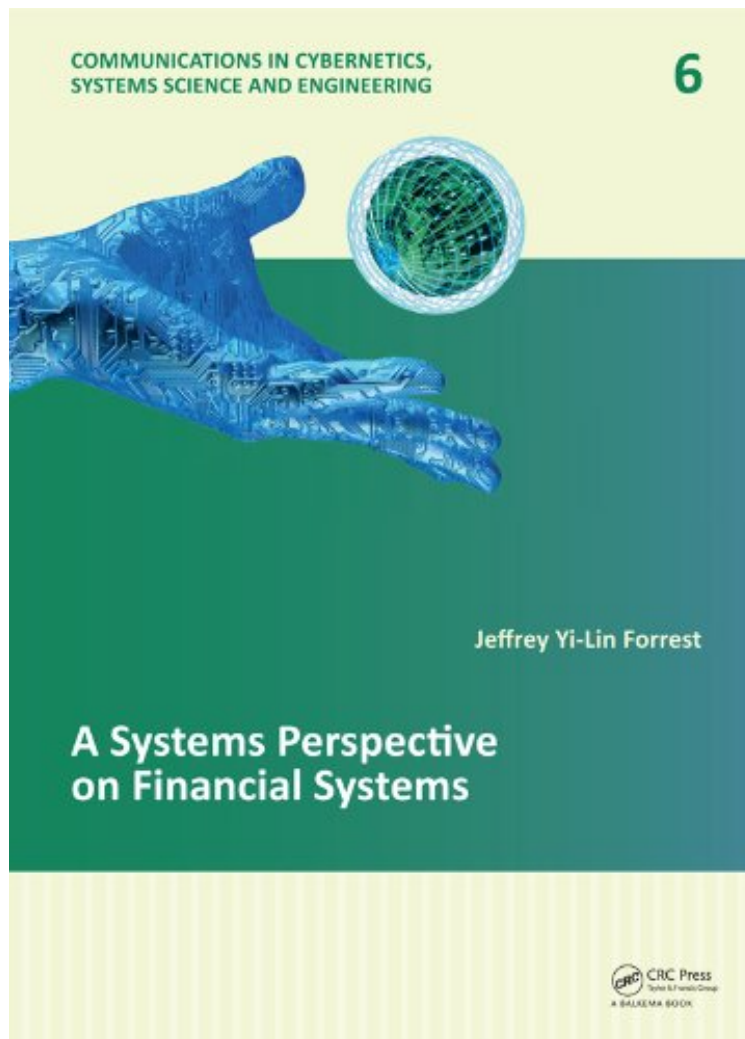


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Jeffrey Yi-Lin Forrest

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Jeffrey Yi-Lin Forrest : A Systems Perspective on Financial Systems (Communications in Cybernetics, Systems Science and Engineering) before purchasing it in order to gauge whether or not it would be worth my time, and all praised A Systems Perspective on Financial Systems (Communications in Cybernetics, Systems Science and Engineering):

This book is devoted to a systems-theoretical presentation of the main results of applying the systemic yoyo model and relevant analytical tools to the topics of money and financial institutions. The author presents the main concepts and

results of the subject matter in the language of systems science, which has in the past century prompted revolutionary applications of systems research in various subfields of traditional disciplines. This volume applies a brand new logic of reasoning to some of the unsettled problems in the area of money and banking. Due to the particular systemic approach employed, the reader will be able to see how different economic activities are implicitly related to each other and how financial decisions are holistically made in reference to seemingly unrelated events. That is, the learning of this particular subject matter takes place at a different, more elevated level, from which, among others, economies are respectively seen as both closed and open systems; their interactions emulate those of rotational pools of fluids. This book can be used as a textbook for researchers and graduate students in economics, finance, systems science, and mathematical / systems modeling. It will also be useful as a reference book for applied economists and various policy makers.

About the Author Dr. Jeffrey Yi-Lin Forrest, also known as Yi Lin, holds all his educational degrees (BS, MS, and PhD) in pure mathematics from Northwestern University (China) and Auburn University (USA) and had one year of postdoctoral experience in statistics at Carnegie Mellon University (USA). Currently, he is a guest and specially appointed professor in economics, finance, systems science, and mathematics at several major universities in China, including Huazhong University of Science and Technology, National University of Defense Technology, Nanjing University of Aeronautics and Astronautics, and a tenured professor of mathematics at the Pennsylvania State System of Higher Education (Slippery Rock campus). Since 1993, he has been serving as the president of the International Institute for General Systems Studies, Inc. Along with various professional endeavors he organized, Dr. Forrest has had the honor to mobilize scholars from over 80 countries representing more than 50 different scientific disciplines. Over the years, he has served on the editorial boards of 11 professional journals, including *Kybernetes: The International Journal of Cybernetics, Systems and Management Sciences*, *Journal of Systems Science and Complexity*, *International Journal of General Systems*, and *Advances in Systems Science and Applications*. And, he is the editor of the book series entitled "Systems Evaluation, Prediction and Decision-Making", and the editor of the book series "Communications in Cybernetics, Systems Science and Engineering", both published by Taylor and Francis with the former since 2008 and the latter since 2011. Some of Dr. Forrest's research was funded by the United Nations, the State of Pennsylvania, the National Science Foundation of China, and the German National Research Center for Information Architecture and Software Technology. Professor Jeffrey Forrest's professional career started in 1984 when his first paper was published. His research interests are mainly in the area of systems research and applications in a wide-ranging number of disciplines of the traditional science, such as mathematical modeling, foundations of mathematics, data analysis, theory and methods of predictions of disastrous natural events, economics and finance, management science, philosophy of science, etc. As of the end of the summer of 2013, he had published over 300 research papers and over 40 monographs and edited special topic volumes by such prestigious publishers as Academic Press, Elsevier, Kluwer Academic, Springer, Taylor and Francis, Wiley, World Scientific, and others. Throughout his career, Dr. Jeffrey Forrest's scientific achievements have been recognized by various professional organizations and academic publishers. In 2001, he was inducted into the honorary fellowship of the World Organization of Systems and Cybernetics.