



Using Complexity Theory for Research and Program Evaluation

By Michael Wolf-Branigin

Oxford University Press Inc. Paperback. Book Condition: new. BRAND NEW, Using Complexity Theory for Research and Program Evaluation, Michael Wolf-Branigin, Complexity as a paradigm has been underutilized by social work, but this cutting-edge pocket guide makes a convincing argument for its use. Every agency worker has been faced with a deluge of records, making it difficult to grasp onto structures and trends undergirding behavior. Complexity theory studies the interactions of competitive and cooperative tendencies of agents such as individuals, families, groups, or communities, making the case that there is a hidden order in things that are seemingly chaotic. Exploring their interactions involves identifying a set of simple rules that the agents follow, revealing patterns that emerge without a predetermined template. Readers will learn how to frame their research using the components found in complex systems by using their existing knowledge of research methods and applying basic mathematical concepts. Concepts such as bordering between chaos and equilibrium, diverse perspectives, diverse heuristics, robustness, and wisdom of crowds are considered and applied to social work research studies. Basic introductions on game theory, graph theory, Boolean logic, decision theory, and network science provide the necessary mathematical background for understanding interconnectedness and networking. The next...



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Reviews

Extensive information for book fans. It is written in basic words and never hard to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Otis Wisoky**

This publication is great. It is full of wisdom and knowledge. You will not really feel monotony at any time of the time (that's what catalogs are for relating to when you ask me).

-- **Dr. Everett Dicki DDS**