Autopoiesis and Self-Sustaining Processes for Organizational Success
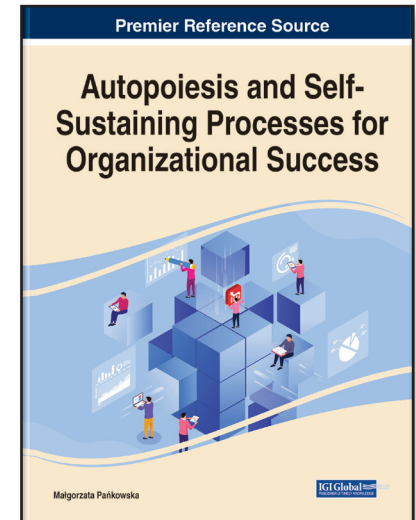
Part of the Advances in Human Resources Management and Organizational Development Book Series

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Description:

Autopoietic systems show a remarkable property in the way they interact with their environment: on the one hand building blocks and energy (including information) are exchanged with the environment, which characterizes them as open systems; on the other hand, any functional mechanisms—the way the system processes, incorporates building blocks, and responds to information—are totally self-determined and cannot be controlled by interventions from the environment. Information systems in an organization seem to accept the autopoietic system way of development and can help managers to understand the operations of their organizations better.

Autopoiesis and Self-Sustaining Processes for Organizational Success is an innovative reference book that presents the meaning of autopoietic organizations for social and information science, examines how autopoietic organizations are information self-producing and self-controlled, and provides a framework for its development in modern organizations. The book focuses on analyzing autopoiesis features such as self-managing, self-sustaining, self-producing, self-regulating, etc. Moreover, as the aforementioned characteristics receive a new interpretation in IT environments, the book also includes an exploration of IT solutions that enable the development of these characteristics. This book is ideal for professionals, academicians, researchers, and students working in the field of information economics and management in various disciplines such as information and communication sciences, administrative sciences and management, education, computer science, and information technology.

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