

Cybernetic Approach to Project Management - Volume 1

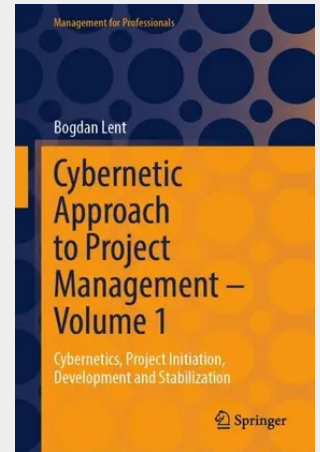
Cybernetics, Project Initiation, Development and Stabilization

Master project management with a practice-driven approach built on 50 years of experience. As Volume I of a three-volume compendium, this book presents a holistic, cybernetic perspective that enables adaptive focus on critical events, decisions, and feedback loops shaping project success.

Clear frameworks and practical mnemonics support effective oversight, while insights from third-order cybernetics and neuroscience show how human behaviour influences outcomes. Instead of rigid command-and-control logic, the approach emphasises continuous regulation, learning, and adjustment in dynamic environments. Cultural sensitivity is addressed through tailored methods for managing projects across diverse contexts and legal or procurement systems.

A rigorous yet accessible treatment of Earned Value Management (ISO 21508) and Milestone Trend Analysis enables data-driven forecasting. A systems-based view of quality links project management with ISO/IEC 25010. Problem solving integrates analytical and heuristic "satisficing" approaches, supported by AI-assisted methods. Real-world examples, templates, and tools ensure immediate applicability.

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