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Soggetti	System analysis Frequencies of oscillating systems Social systems - Mathematical models
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. The Need -- 2. The Intellectual Background -- 3. The Principles -- 4. The Method: Preliminaries -- 5. The Method: Identify and Describe the Functions (Step 1) -- 6. The Method: The Identification of Variability (Step 2) -- 7. The Method: The Aggregation of Variability (Step 3) -- 8. The Method: Consequences of the Analysis (Step 4) -- 9. Three Cases -- 10. Afterthoughts -- 11. FRAM on FRAM.
Sommario/riassunto	There has not yet been a comprehensive method that goes behind 'human error' and beyond the failure concept, and various complicated accidents have accentuated the need for it. The Functional Resonance Analysis Method (FRAM) fulfils that need. This book presents a detailed and tested method that can be used to model how complex and dynamic socio-technical systems work, and understand both why things sometimes go wrong but also why they normally succeed.

