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Titolo	Drift into failure : from hunting broken components to understanding complex systems // by Sidney Dekker
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (235 p.)
Disciplina	302.3/5
Soggetti	Social systems Complex organizations System theory - Social aspects System failures (Engineering) Failure (Psychology) Complexity (Philosophy)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographic references and index.
Nota di contenuto	Failure is always an option -- Features of drift -- The legacy of Newton and Descartes -- The search for the broken component -- Theorizing drift -- What is complexity and systems thinking? -- Managing the complexity of drift.
Sommario/riassunto	This book explores complexity theory and systems thinking to better understand how complex systems drift into failure. It studies sensitive dependence on initial conditions, unruly technology, tipping points, diversity - and finds that failure emerges opportunistically, non-randomly, from the very webs of relationships that breed success and that are supposed to protect organizations from disaster. It develops a vocabulary that allows us to harness complexity and find new ways of managing drift.