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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Background -- pt. 2. Analysis methods -- pt. 3. Programmatic methods for managing risk -- pt. 4. Risk reduction for energy sources -- pt. 5. Risk reduction for other than energy sources.
Sommario/riassunto	This book covers system safety methods related to occupational health and safety. It argues for anticipating hazards, risk reduction strategies for hazards processes, and making sure workers' tasks correspond to human capabilities. To this end, the text provides pro-active methods for identifying hazards, assessing risk, analyzing hazards, using tools from system safety, conducting post-incident investigations, considering human errors, applying risk reduction strategies, and managing process safety. While emphasizing methods suitable for all countries, it includes references to U.S. military