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| Autore | Planchette Guy |
| Titolo | Cindynics, the science of danger : a wake-up call // Guy Planchette |
| Pubbl/distr/stampa | London ; ; Hoboken, NJ : , : ISTE Ltd : , : John Wiley and Sons Inc., , [2021] ©2021 |
| ISBN | 1-119-88773-9 1-119-88775-5 1-119-88774-7 |
| Descrizione fisica | 1 online resource (227 pages) |
| Collana | Reliability of multiphysical systems set ; ; v. 11 |
| Disciplina | 658.155 |
| Soggetti | Risk management Accidents |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Front Matter -- Understanding Cindynics -- The Usefulness of the Cindynics Approach and Method -- The Usefulness of Cindynics Tools -- Reducing Risk Sources -- A Comparative View Between Dependability and Cindynics -- Perspectives -- Conclusion -- Examples of Approaches -- Appendices. Current Risk Management and its Shortcomings -- Notions of Interaction and Complexity -- The Grounded Theorization Method -- Notions of Quantum Theory -- Summary of CSDs -- Archeocindynic Study -- Bhopal Study -- More Information About Bhopal -- Collection of Information on the Queen Mary II Gangway Accident -- Queen Mary Accident Cause Tree -- Collection of Information on the Deepwater Horizon Oil Rig Accident -- Synthesis Note of the Work of IMdR-AFPCN: "Vulnerability of Networks and Natural Disasters" -- The New Cindynics Concepts Training Course -- Postface -- Glossary -- References -- Index -- Other titles from iSTE in Mechanical Engineering and Solid Mechanics |
| Sommario/riassunto | This book offers a new perspective to uncover the keys to accident and disaster avoidance. Created with a working group, it presents research and understanding on the root causes of disasters. Indeed, beyond technical failures, human beings are at the heart of organizations and, |

through the exchange of data and information, influential relationships inevitably emerge such as conflicts of interest and cooperation. With examples selected from multiple accidents and disasters, this book demonstrates that analyzing the causal chain that leads to an accident is not sufficient if we wish to truly understand it. The role of operational and managerial actors and the complexities they generate are also explored. Cindynics, The Science of Danger helps readers develop their ability to identify gaps, deficits, dissonances, disjunctions, degenerations and blockages, which are the real dangers in inevitably evolving activity situations. With an easily-understandable approach, this book offers new perspectives in several fields (health, crisis management and conflict resolution).
