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Autore	Varde Prabhakar V
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Sommario/riassunto

This book presents the proceedings of the 5th International Conference on Reliability Safety & Hazard-2024, held in Mumbai during February 21–24, 2024. It covers the latest advances in artificial intelligence and machine learning in development of risk-conscious culture. Various topics covered in this volume are reliability prediction, precursor event analysis, fuzzy reliability, structural reliability, passive system reliability, digital system reliability, risk-informed approach to decision making, dynamic PSA, uncertainty and sensitivity modeling, among others. The book is a valuable resource for researchers and professionals working in both academia and industry in the areas of complex systems, safety-critical systems, and risk-based engineering.