

Systematic methods of risk analysis and assessment

✓ About

The application of systematic methods of risk analysis and assessment today not only concerns high-risk areas but is required in almost all areas of technology. By reducing the risk of damaging property and the environment and, even more important, causing harm to people, you can automatically ensure the availability of technical systems and processes. Applying the right method of risk analysis that best fits the company's needs is a powerful tool to fulfill legal, social and economic demands in an increasingly complex environment.

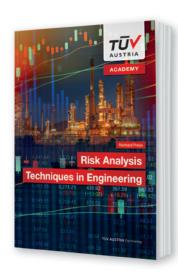
The technical book Risk Analysis Techniques in Engineering provides you with a complete overview on proven methods of risk analysis and risk management. The established standard work of TÜV AUSTRIA Fachverlag makes the methods of risk analysis and risk management easy to understand and is, thus, a comprehensive basic work for beginners as well as a practical reference book for daily use. Current and new processes are explained in detail and supported by numerous practical examples of use.

✓ Content

- FMEA (FMECA)
- HAZOP
- Fault Tree Analysis (FTA)
- Event Tree Analysis
- Cause-Consequence Analysis und Bow-Tie Analysis
- 3-F Method
- Layer of Protection Analysis (LOPA)
- What-If, SWIFT Analysis, Check lists
- Human factor

✓ Target Group

- Risk Managers
- Engineers
- Technicians
- Plant Manufacturers
- Product Managers
- Process Managers
- Environmental Managers
- Quality Managers
- Legal & Compliance Managers



Information & Ordering



✓ The Author

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