

1. Record Nr.	UNINA9910455673803321
Autore	Kuglin Fred A
Titolo	Building, leading, and managing strategic alliances [[electronic resource] ] : how to work effectively and profitably with partner companies / / Fred A. Kuglin with Jeff Hook
Pubbl/distr/stampa	New York, : AMACOM, c2002
ISBN	0-8144-2643-3
Descrizione fisica	1 online resource (288 p.)
Altri autori (Persone)	HookJeff
Disciplina	658/.044
Soggetti	Strategic alliances (Business) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preliminaries; Contents; 1. What Is an Alliance?; 2. Great Idea, but How Do I Get Started?; 3. 3G Wireless Networks; 4. Telecom Providers and 3G Wireless Device Manufacturers: A 1 Trillion Investment, yet Where's the Value?; 5. Mission Impossible?; 6. Transportation; 7. Health Care: Alliances and a Healthy Supply Chain; 8. Software Companies and Consulting Firms; 9. Know When to Hold, and Know When to Fold; 10. Critical Success Factors in Establishing Alliances; Index
Sommario/riassunto	Corporate acquisition is no longer the growth model for technology-based companies. Now the name of the game is alliances.

2. Record Nr.	UNISA996217752803316
Titolo	Emergency relief system design using DIERS technology [[electronic resource] ] : the Design Institute for Emergency Relief Systems (DIERS) project manual / / H.G. Fisher ... [et al.]
Pubbl/distr/stampa	New York, : DIERS, c1992
ISBN	1-282-81740-X 9786612817403 0-470-93831-5 1-59124-780-2 0-470-93830-7
Descrizione fisica	1 online resource (576 p.)
Altri autori (Persone)	FisherH. G
Disciplina	660.281
Soggetti	Chemical plants - Safety measures Relief valves
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Emergency Relief System Design Using DIERS Technology: The Design Institute for Emergency Relief Systems (DIERS) Project Manual; Contents; Preface; Introduction; 1. Overview; 2. Design Institute for Emergency Relief Systems (DIERS); 3. A Strategy for Major Accidental Release Prevention; 4. A Strategy for Emergency Relief System Design; 5. An Approach to Emergency Relief System Design Assessment; 6. Two-Phase Vapor-Liquid Flow; 7. Two-Phase Vapor-Liquid Flow Onset and Disengagement; 8. Two-Phase Vapor-Liquid Hydrodynamics; 9. DIERS Bench-Scale Apparatus 10. Runaway Reaction Emergency Relief System Design Computer Program11. References; Appendix A. DIERS Committees; Appendix B. DIERS Sponsors; Appendix C. DIERS Contractors; Chapter I. Vapor Disengagement Dynamics; 1. Overview; 1-1. Vapor Disengagement Dynamics; 1-2. Design Considerations; 2. Detailed Discussion; 2-1. Open Literature References; 2-2. Project Manual; 3. References; Appendix I-A. The Coupling Equation and Flow Models; Appendix I-B. Best Estimate Procedure to Calculate Two-Phase Vapor-Liquid Flow

Onset/Disengagement; Appendix I-C. Fluid Behavior in Venting Vessels  
 Appendix I-D. Energy and Material Balance Derivations for Emergency  
 Pressure Relief of Vessels Annex I-D1. Internal Energy and Venting  
 Calculations; Chapter II. Pressure Relief System Flow; 1. Introduction;  
 1-1. Scope; 1-2. Organization; 1-3. Special Terminology; 2.  
 Recommended Design Methods; 2-1. Newtonian Flow; 2-2. Complex  
 Fluids; 2-3. Useful Approximations; 3. Technology Base; 3-1. General  
 Flow Equations; 3-2. Nozzle Flow Models; 3-3. Sharp Reductions; 3-4.  
 Pressure Recovery/Expansions/Equilibrations; 3-5. Pipe Flow; 3.6.  
 Application to Pressure Relief System Elements; 3-7. Networks  
 3-8. Complex Fluids 4. Nomenclature; 5. Acknowledgments; 6.  
 References; Appendix II-A. Thermophysical Property Requirements;  
 Appendix II-B. Equilibrium Flash Calculations; Appendix II-C. Model  
 Parameters for Pipe Entrance Sections; Appendix II-D. Computer  
 Routines in SAFIRE Program; Appendix II-E. Example Problems;  
 Appendix II-F. Generalized Correlations and Design Charts; Chapter III.  
 DIERS Phase III Large-Scale Integral Tests; 1. Summary; 2. Introduction;  
 2-1. Program Objectives; 2-2. Program Description; 3. Test  
 Configurations; 4. Test Results; 4-1. Tests T1 to T8  
 4-2. Tests V32-W1 to V32-W8 4-3. Tests T9, T10, T11, T14, and T25;  
 4-4. Tests T12 and T13; 4-5. Test T20; 4-6. Tests T17 and T18; 4-7.  
 Tests T21, T22, T23, and T24; 4-8. ICRE Tests 32-6 to 32-11; 4-9. ICRE  
 Tests 2000-1 to 2000-5; 4-10. ICRE Tests 32-14, 32-15, and 32-18;  
 5. Acknowledgments; 6. References; Appendix III-A. Test  
 Configurations; Appendix III-B. Experimental Results and Model  
 Comparisons; Appendix III-C. Kinetics Model for Styrene  
 Polymerizations; Chapter IV. High Viscosity Flashing Two-Phase Flow;  
 1. Introduction; 1-1. General Discussion of High Viscosity Flow in Relief  
 Systems  
 1-2. Why High Viscosity Systems Require Special Consideration

## Sommario/riassunto

OSHA (29 CFR 1910.119) has recognized AIChE/DIERS two-phase flow publications as examples of "good engineering practice" for process safety management of highly hazardous materials. The prediction of when two-phase flow venting will occur, and the applicability of various sizing methods for two-phase vapor-liquid flashing flow, is of particular interest when designing emergency relief systems to handle runaway reactions. This comprehensive sourcebook brings together a wealth of information on methods that can be used to safely size emergency relief systems for two-phase vapor-liquid flow for

3. Record Nr.	UNINA9910299594603321
Autore	Zohuri Bahman
Titolo	Combined Cycle Driven Efficiency for Next Generation Nuclear Power Plants : An Innovative Design Approach // by Bahman Zohuri, Patrick McDaniel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-70551-2
Edizione	[2nd ed. 2018.]
Descrizione fisica	1 online resource (XX, 395 p. 183 illus., 102 illus. in color.)
Disciplina	333.7924
Soggetti	Nuclear energy Thermodynamics Nuclear Energy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Sommario/riassunto	The second edition of this book includes the most up-to-date details on the advantages of Nuclear Air-Brayton Power Plant Cycles for advanced reactors. It demonstrates significant advantages for typical sodium cooled reactors and describes how these advantages will grow as higher temperature systems (molten salts) are developed. It also describes how a Nuclear Air-Brayton system can be integrated with significant renewable (solar and wind) energy systems to build a low carbon grid. Starting with basic principles of thermodynamics as applied to power plant systems, it moves on to describe several types of Nuclear Air-Brayton systems that can be employed to meet different requirements. It provides estimates of component sizes and performance criteria for Small Modular Reactors (SMR). This book has been revised to include updated tables and significant new results that have become available for intercooled systems in the time since the previous edition published. In this edition also, the steam tables have been updated and Chapters 9 and 10 have been rewritten to keep up with the most up-to- date technology and current research. Describes several types of Nuclear Air-Brayton systems that can be employed to

meet different requirements; Estimates component sizes and performance criteria for Small Modular Reactors (SMR) based on the Air-Brayton concept; Examines all power conversion aspects from the fluid exiting the reactor to the energy releases to the environment, with special focus on heat exchangers and turbo-machinery; Provides examples of small projects to facilitate nuanced understanding of the theories and implementation of combined-cycle nuclear plants.

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