1. Record Nr. UNINA9910143242303321

Titolo	Understanding atmospheric dispersion of accidental releases [[electronic resource] /] / George E. DeVaull ... [et al.]
Pubbl/distr/stampa	New York, : Center for Chemical Process Safety of the American Institute of Chemical Engineers, 1995
ISBN	1-282-81727-2 9786612817274 0-470-93799-8 0-470-93798-X 1-59124-586-9
Descrizione fisica	1 online resource (60 p.)
Collana	CCPS concept book
Altri autori (Persone)	DeVaullG. E
Disciplina	628.53
Soggetti	Atmospheric diffusion Vapors - Environmental aspects Industrial accidents Hazardous substances - Environmental aspects 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.
Nota di contenuto	Understanding Atmospheric Dispersion of Accidental Releases; Contents; Preface; Nomenclature; 1. Introduction; 1.1. Purpose; 1.2. Release/Dispersion Scenario Overview; 1.3. Hazards; 2. Meteorology; 2.1 The Atmosphere; 2.2. Turbulence in the Atmosphere; 2.3. Mechanically Generated Turbulence'; 2.4. Vertical Density Stratification and Buoyancy; 2.5. Atmospheric Stability Classifications; 2.6. Similarity Scaling in the Atmospheric Boundary Layer; 2.7. Changes over Time in the Atmospheric Boundary Layer; 3. Source Estimates-Leaks and Ruptures; 3.1. Leaks and Small Holes 3.2. Phase Changes in Released Fluids3.3. Aerosol Formation in Liquid or Flashing Liquid Releases; 3.4. Transient Vessel Inventory Loss; 3.5. Catastrophic Vessel Failures; 4. Sources-Liquid Pools; 4.1. Boiling Liquid Pools; 4.2. Evaporation of Volatile Liquids; 4.3. Evaporation of Relatively Nonvolatile Liquids; 4.4. Multicomponent Mixture Spills; 5.

	Buoyant and Dense-Gas Jet Releases; 5.1 Jet Length Scales; 5.2. Momentum and Buoyancy; 5.3. The Effect of Wind and Ambient Turbulence; 6. Low-Velocity Dense-Gas Releases; 6.1. Source Specification; 6.2. Source Area Region 6.3. Stably-Stratified Region6.4. Passive Dispersion Region; 7. Passive Dispersion; 7.1. The Mechanics of Turbulent Dispersion; 7.2. Passive Dispersion from Elevated Releases; 7.3. Near-Ground Passive Dispersion; 7.4. Dispersion Averaging Times; 8. Complex Flow Considerations; 8.1. Building Wakes and Stack Downwash; 8.2. Gravity-Driven Flows and the Effects of Terrain; 8.3. Aerosol Rainout; 8.4. Fanning Plumes and Subsidence; 9. Hazard Evaluations; 9.1. Chemical Toxicity; 9.2. Flammability; 10. Computer Models; References
Sommario/riassunto	A brief introduction to a complex topic, giving a description of the processes involved in an accidental or emergency release and the resulting downwind transport and dilution of gases, vapors, and aerosols.

2.

Record Nr.	UNISALENTO991000080959707536
Titolo	Muze Kurtarma Kazilari Semineri, 9. : 27-29 Nisan 1998, Antalya
Pubbl/distr/stampa	Ankara : Kultur Bakanligi Milli Kutuphane Basimevi, 1999
ISBN	9751721164
Descrizione fisica	370 p. : ill. ; 23 cm
Lingua di pubblicazione	Turkish
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr. UNINA9910484224303321

Titolo	Transactions on Petri Nets and Other Models of Concurrency XII / / edited by Maciej Koutny, Jetty Kleijn, Wojciech Penczek, Mingmin Zhang
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2017
ISBN	3-662-55862-9
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XVII, 217 p. 89 illus.)
Collana	Transactions on Petri Nets and Other Models of Concurrency, , 1867-7746 ; ; 10470
Disciplina	511.3
Soggetti	Software engineering Computer science Algorithms Artificial intelligence - Data processing Software Engineering Computer Science Logic and Foundations of Programming Data Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Properties of Plain, Pure, and Safe Petri Nets -- Similarity-based Approaches for Determining the Number of Trace Clusters in Process Discovery -- Log- and Model-Based Techniques for Security-Sensitive Tackling of Obstructed Workflow Executions -- Formal Modelling and Analysis of Distributed Storage Systems -- DB-Nets: on the Marriage of Colored Petri Nets and Relational Databases -- Transition Systems Reduction: Balancing between Precision and Simplicity -- Stubborn Set Intuition Explained -- Decomposed Replay Using Hiding and Reduction as Abstraction -- Multiplicative Transition Systems.
Sommario/riassunto	These Transactions publish archival papers in the broad area of Petri nets and other models of concurrency, ranging from theoretical work to tool support and industrial applications. ToPNoC issues are published as LNCS volumes, and hence are widely distributed and indexed. This Journal has its own Editorial Board which selects papers based on a rigorous two-stage refereeing process. ToPNoC contains: - Revised

versions of a selection of the best papers from workshops and tutorials at the annual Petri net co nferences e: 12.0pt;line-height: 115.0%;font-family: " times="" new="" roman"="" ,="" serif;"="">- Special sections/issues within particular subareas (similar to those published in the Advances in Petri Nets series) - Other papers invited for publication in ToPNoC - Papers submitted directly to ToPNoC by their authors. mal" style="margin-bottom: 0.0001pt;">The 12th volume of ToPNoC contains revised and extended versions of a selection of the best workshop papers presented at the 37th International Conference on Application and Theory of Petri Nets and Concurrency, Petri Nets 2016, and the 16th International Conference on Application of Concurrency to System Design, ACSD 2016. It also contains one paper submitted directly to ToPNoC. The 9 papers cover a diverse range of topics including model checking and sys tem verification, refinement, and synthesis; foundational work on specific classes of Petri nets; and innovative applications of Petri nets and other models of concurrency. Application areas covered in this volume are: security, service composition, databases, communication protocols, business processes, and distributed systems. Thus, this volume gives a good overview of ongoing research on concurrent systems and Petri nets.