

1. Record Nr.	UNINA9910298474603321
Titolo	Transport of Water versus Transport over Water : Exploring the Dynamic Interplay of Transport and Water // edited by Carlos Ocampo-Martinez, Rudy R. Negenborn
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-16133-4
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (484 p.)
Collana	Operations Research/Computer Science Interfaces Series, , 2698-5489 ; ; 58
Disciplina	333.339
Soggetti	Operations research Production management Water Hydrology Operations Research and Decision Theory Operations Management
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 at the end of each chapters.
Nota di contenuto	Perspectives on Transport of Water Versus Transport Over Water -- Model Predictive Control for Combined Water Supply and Navigability/Sustainability in River Systems -- Data Assimilation to Improve Models Used for the Automatic Control of Rivers or Canals -- Distributed LQG Control for Multiobjective Control of Water Canals -- Forecasting and Predictive Control of the Dutch Canal Network -- Transport of Water Versus Particular Transport in Open-Channel Networks -- Coordinating Model Predictive Control of Transport and Supply Water Systems -- Effects of Uncertain Control in Transport of Water in a River-Wetland System of the Low Magdalena River, Columbia -- Automatic Tuning of PI Controllers for Water Level Regulation of a Multi-Pool Open-Channel Hydraulic System -- Hierarchical MPC-Based Control of an Irrigation Canal -- Model Predictive Control for Incorporating Transport of Water and Transport Over Water in the Dry Season -- Enhancing Inland Navigation by Model Predictive Control of Water Levels: The Cuinchy-Fontinettes Case -- Effects of Water Flow on

Energy Consumption and Travel Times of Micro-Ferries for Energy-Efficient Transport Over Water -- Potential Fields in Modeling Transport Over Water -- Safe and Efficient Port Approach by Vessel Traffic Management in Waterways -- Technological Challenges and Developments in European Inland Waterway Transport -- Wave Filtering and Dynamic Positioning of Marine Vessels Using a Linear Design Model: Theory and Experiments -- Closed-Loop Identification and Control of Inland Vessels -- Nonlinear Iterative Control of Maneuvering Models for Transport Over Water -- Performance Evaluation of an Inland Pusher -- City Logistics by Water: Good Practices and Scope for Expansion -- Reactivation of the Small Inland Waterway Network -- Fostering Cooperation in Inland Waterway Networks: A Gaming and Simulation Approach.

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### Sommario/riassunto

This book aims at stimulating discussion between researchers working on state of the art approaches for operational control and design of transport of water on the one hand and researchers working on state of the art approaches for transport over water on the other hand. The main contribution of the book as a whole is to present novel perspectives ultimately leading to the management of an envisioned unified management framework taking the recent advances from both worlds as a baseline. The book is intended to be a reference for control-oriented engineers who manage water systems with either or both purposes in mind (transport of water, transport of goods over water). It highlights the possible twofold nature of water projects, where water either acts as primary object of study or as a means. The book is dedicated to comparing and relating to one another different strategies for (operational) management and control of different but strongly related systems in the framework of the water. In that sense, the book presents different approaches treating both the transport of water and transport over water. It compares the different approaches within the same field, highlighting their distinguishing features and advantages according to selected qualitative indices, and demonstrates the interaction and cross-relations between both fields. It will also help to determine the gaps and common points for both fields towards the design of such a unifying framework, which is lacking in the literature. Additionally, the book looks at case studies where the design of modeling/control strategies of either transport of water or transport over water have been proposed, discussed or simulated.

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2. Record Nr.	UNINA9911019943803321
Autore	Kohler Josef
Titolo	Explosivstoffe // Josef Kohler, Rudolf Meyer, Axel Homburg
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, 2008
ISBN	9786611947248 9783527660070 3527660070 9781281947246 1281947245 9783527623402 352762340X 9783527623419 3527623418
Edizione	[10., uberarbeitete und erw. Aufl.]
Descrizione fisica	1 online resource (447 p.)
Altri autori (Persone)	MeyerRudolf HomburgAxel
Disciplina	662.2 662.203
Soggetti	Explosives
Lingua di pubblicazione	Tedesco
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	Explosivstoffe; Vorwort zur zehnten Auflage; A; Abbrandgeschwindigkeit; Abel-Test; Acetonperoxid; Acetyldinitroglycerin; Airbag; Akardit I; Akardit III; Akremit; Ammonale; Ammongelite 2 und 3; Ammoniumazid; Ammoniumchlorid; Ammoniumdinitramid; Ammoniumperchlorat; Ammoniumpikrat; Ammonsalpeter; Ammonsalpeter-Sprengstoffe (Ammoniumnitrat-Sprengstoffe); Amorce; Anlaufstrecke; Anzunden; Arbeitsvermogen; ASTM; Astrolite; Ausstromgeschwindigkeit; Azide; B; Ballistische Bombe; Ballistischer Morser; Bariumchlorat; Bergbau-Sprengstoffe; Bergmann-Junk-Test Bezug von Explosivstoffen, Sprengzubehor und von pyrotechnischen GegenstandenB.I.C.T.; Bildungsenergie, Bildungsenthalpie; Blasting agents; Bleiazid; Bleiblockausbauchung; Bleinitrat; Bleitritnitroresorcinat,

Bleistyphnat; Brennkammer; Brennschluß; Brisanz; Bruckenzunder; 1,2,4-Butantrioltrinitrat; C; Calciumnitrat; Campher; Centralit I; Centralit II; Composition B, B-2; Composition C, C-2, C-3 und C-4; Cyclotol; Cyclonite; D; Dautriche-Methode; DBX; Delaborieren von explosiven Gegenständen, insbesondere Munition; Detonation; Hydrodynamische Theorie der Detonation; Detonationsgeschwindigkeit Detonationsübertragung Detonationswärme; Diazodinitrophenol; Dibutylphthalat; Diglykoldinitrat; Dimethylhydrazin; Dingu und Sorguyl; 4,6-Dinitrobenzofuroxan; m-Dinitrobenzol; Dinitrochlorbenzol; Dinitrochlorhydrin; Dinitrodimethyloxamid; Dinitrodimethyloxamid; Dinitrodiphenylamin, NDPA; Dinitroformin; Dinitroglycerinnitrolactat; 1,5- und 1,8-Dinitronaphthalin; Dinitrophenylglycerinetherdinitrat; Dinitrophenylglykolethernitrat; 1,4-Dinitrosobenzol; Dinitrotoluol; Dioxyethylnitramindinitrat; Dipentaerythrithexanitrat; Diphenylamin; Diphenylurethan; Di-(2,2,2-trinitroethyl)-nitramin  
Donarit 1 und Donarit 4 Dynacord; Dynamite; E; Einschluß; Eisen-Acetylacetonat; Emulsionssprengstoffe; Energetische Binder; Epruvette; Erosiver Abbrand; Ethylendiamindinitrat; Ethylendinitramin; Ethylphenylurethan; Ethyltetryl; Explosionsfähiger Stoff; Explosionsgefährlicher Stoff; Explosionswärme; F; FAE - Fuel Air Explosives, Brennstoff-Luft Sprengstoffe, Druckwellensprengstoffe; Ferrocen; Feststoff-Raketen; Feuerwerkssätze; Feuerwerkspulver; Flüssig-Luft-Sprengstoffe; Flüssig-Treibstoff-Raketen; G; Gefahrgutverordnungen; Gefrieren von Nitroglycerinsprengstoffen; Gelamon 22, 30 und 40  
Geosit 3 Gesteinsprengstoffe; Glycidylazidpolymer; Graphit; Guanidinnitrat; Guanidinperchlorat; GUDN; Gurdynamit; H; HBX, HBX-I usw.; Heptryl; Hexamethylentetramindinitrat; Hexamethylentriperoxyddiamin; Hexanitrocarbanilid; Hexanitrodiphenyl; 2,4,6,2,4,6 -Hexanitrodiphenylamin; Hexanitrodiphenylaminoethylnitrat; 2,4,6,2,4,6 -Hexanitrodiphenyloxid; 2,4,6,2,4,6 -Hexanitrodiphenylsulfid; Hexanitroethan; Hexanitrohexaazaisowurtzitan; Hexanitrostilben; Hexogen; HMX; Hohlladung; Holland-Test; Hydan; Hydrazine; Hydrazinperchlorat (Hydraziniummonoperchlorat); Hypergole; I; Isocyanat  
Isophorondiisocyanat

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Aus Rezensionen voriger Auflagen: Die zehnte Auflage dieses Nachschlagewerkes ist erneut erweitert und aktualisiert worden, das bewährte Konzept wurde beibehalten. Der Textteil beschreibt ausführlich mehr als 550 Begriffe in alphabetischer Reihenfolge, darunter über 120 mit Strukturformel und Daten versehene chemische Verbindungen mit Explosivcharakter. Zu fast jeder Verbindung werden die wichtigsten chemisch-physikalischen und sicherheitstechnischen Kenndaten aufgeführt; die Gefahrgutregularien wurden gründlich überarbeitet. Der Leser findet außerdem Angaben zu den Herste

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