

1. Record Nr.	UNISA996205174303316
Autore	Paetz gen. Schieck Hans
Titolo	Nuclear Reactions [[electronic resource] ] : An Introduction // by Hans Paetz gen. Schieck
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-642-53986-6
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XXV, 365 p. 184 illus., 87 illus. in color.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 882
Classificazione	530 UD 8220 UN 2500
Disciplina	539.75
Soggetti	Nuclear physics Heavy ions Physical measurements Measurement Astrophysics Particle acceleration Nuclear Physics, Heavy Ions, Hadrons Measurement Science and Instrumentation Astrophysics and Astroparticles Particle Acceleration and Detection, Beam Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- Part I Nuclear Reactions -- Part II Tools of Nuclear Reactions -- Part III Applications of Nuclear Reactions and Special Accelerators -- Index.
Sommario/riassunto	Nuclei and nuclear reactions offer a unique setting for investigating three (and in some cases even all four) of the fundamental forces in nature. Nuclei have been shown – mainly by performing scattering experiments with electrons, muons, and neutrinos – to be extended objects with complex internal structures: constituent quarks; gluons, whose exchange binds the quarks together; sea-quarks, the ubiquitous virtual quark-antiquark pairs and, last but not least, clouds of virtual

mesons, surrounding an inner nuclear region, their exchange being the source of the nucleon-nucleon interaction. The interplay between the (mostly attractive) hadronic nucleon-nucleon interaction and the repulsive Coulomb force is responsible for the existence of nuclei; their degree of stability, expressed in the details and limits of the chart of nuclides; their rich structure and the variety of their interactions. Despite the impressive successes of the classical nuclear models and of ab-initio approaches, there is clearly no end in sight for either theoretical or experimental developments as shown e.g. by the recent need to introduce more sophisticated three-body interactions to account for an improved picture of nuclear structure and reactions. Yet, it turns out that the internal structure of the nucleons has comparatively little influence on the behavior of the nucleons in nuclei, and nuclear physics – especially nuclear structure and reactions – is thus a field of science in its own right, without much recourse to subnuclear degrees of freedom. This book collects essential material that was presented in the form of lectures notes in nuclear physics courses for graduate students at the University of Cologne. It follows the course's approach, conveying the subject matter by combining experimental facts and experimental methods and tools with basic theoretical knowledge. Emphasis is placed on the importance of spin and orbital angular momentum (leading e.g. to applications in energy research, such as fusion with polarized nuclei), and on the operational definition of observables in nuclear physics. The end-of-chapter problems serve above all to elucidate and detail physical ideas that could not be presented in full detail in the main text. Readers are assumed to have a working knowledge of quantum mechanics and a basic grasp of both non-relativistic and relativistic kinematics; the latter in particular is a prerequisite for interpreting nuclear reactions and the connections to particle and high-energy physics.

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2. Record Nr.	UNINA9910819292603321
Titolo	AquaRating : an international standard for assessing water and wastewater services // Matthias Krause [and four others]
Pubbl/distr/stampa	London, England : , : IWA Publishing, , 2015 ©2015
ISBN	1-78040-740-8
Descrizione fisica	1 online resource (397 p.)
Disciplina	363.610684
Soggetti	Water utilities - Management Water-supply - Management Water treatment plants - Management Sewage disposal plants - Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Copyright; Contents; Acknowledgements; About the authors; Introduction; Chapter 1: SQ Service Quality; SQ1 Drinking water quality; SQ1.1 Assurance of structural capacity for treatment and supply; SQ1.2 Assurance of appropriate supplied water quality; SQ1.3 Supervision and control of supplied water quality; SQ1.4 Structural operational capacity for drinking "water treatment"; SQ1.5 Compliance with drinking water standards; SQ1.6 Supplied water quality control frequency; SQ2 Distribution of drinking water for use and consumption SQ2.1 Assurance of structural capacity for supply and distribution SQ2.2 Assurance of supply continuity during operation; SQ2.3 Supervision and control of supply continuity; SQ2.4 Supply continuity; SQ2.5 Time taken to connect new users to the drinking water service; SQ3 Wastewater collection; SQ3.1 Assurance of structural capacity for wastewater collection; SQ3.2 Assurance of wastewater collection from operation; SQ3.3 Supervision and control of the wastewater collection service; SQ3.4 Time taken to resolve "incidents" in the wastewater collection network SQ3.5 Time taken to connect to the wastewater service SQ3.6 Stormweather "incidents"; SQ4 User service; SQ4.1 "Complaint"

management and user satisfaction monitoring; SQ4.2 User service quality; SQ4.3 Commitment to user service and "contingency" information; SQ4.4 Perception of general user satisfaction; SQ4.5 User perceptions of problem resolution quality; SQ4.6 Number of "customer service complaints" per 100 users and year; SQ4.7 Customer call service waiting time; SQ4.8 Customer service center waiting time; SQ4.9 Time taken to resolve problems

Chapter 2: PE Investment Planning and Implementation Efficiency  
PE1 Investment plan content and efficiency; PE1.1 Investment plan contents; PE1.2 Diagnosis methodology; PE1.3 Methodology for identifying and analyzing alternatives and defining solutions; PE1.4 Methodology for analyzing the plan's financial aspects; PE2 Investment plan implementation efficiency; PE2.1 Systems for monitoring implementation of investment plan projects; PE2.2 Compliance with the investment plan; PE2.3 Degree of cost variation in "completed works" PE2.4 Degree of deviation from deadlines established for implementation of "works"  
PE3 Existing physical asset management efficiency; PE3.1 Physical asset management; PE3.2 Annual investment in replacement of fixed physical assets; PE4 Emergency planning; PE4.1 "Emergency" plan; PE5 Research and development; PE5.1 Research and development; PE5.2 Investment in research and development;  
Chapter 3: OE Operating Efficiency; OE1 Water resource management efficiency; OE1.1 Control of water use and destinations; OE1.2 Control of water at points of use and consumption  
OE1.3 Management of real losses

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3. Record Nr.	UNINA9910812799803321
Autore	Knees Klaus-Niels
Titolo	Zwangsversteigerung und Zwangsverwaltung : der Vollstreckungsablauf von der Verfahrensanordnung bis zur Erlösverteilung / / Klaus-Niels Knees
Pubbl/distr/stampa	Berlin, [Germany] : , : De Gruyter, , 2017 ©2017
ISBN	3-11-048735-7 3-11-048642-3
Edizione	[8., neu bearbeitete Auflage.]
Descrizione fisica	1 online resource (436 pages)
Collana	De Gruyter Handbuch
Classificazione	LAW012000
Disciplina	346.4304/363
Soggetti	Judicial sales - Germany Receivers - Germany
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Vorwort -- Inhalt -- Abkürzungsverzeichnis -- Literaturhinweise -- Einleitung -- Lexikon der Immobilienvollstreckung -- A. Gesetzliche Grundlagen -- B. Vorbereitung des Zwangsversteigerungsverfahrens -- C. Verfahren bis zum Termin -- D. Vorbereitung auf den Zwangsversteigerungstermin -- E. Versteigerungstermin -- F. Verteilung des Erlöses -- G. Zwangsverwaltung -- H. Das Erbbaurecht in der Immobilienvollstreckung -- I. Das Wohnungs(Teil-)eigentum in der Immobilienvollstreckung -- J. Mieter -- K. Steuerliche Aspekte beim Eigentumserwerb im Wege der Zwangsversteigerung -- L. Beispielfall -- Sachregister
Sommario/riassunto	Dargestellt wird der Ablauf einer Zwangsversteigerung von der Verfahrenseinleitung bis zur Erlösverteilung und Schlussabwicklung. Ein Beispielfall mit Formularen und Mustern sowie das Lexikon zur Immobilienvollstreckung erleichtern die Umsetzung in der Praxis. In die 8. Auflage neu aufgenommen ist die gesamte relevante Rechtsprechung und Literatur bis Ende 2016, deren Kenntnis für die Zwangsverwaltung und Zwangsversteigerung unabdingbar ist. This book covers all aspects of real property enforcement law from the

initiation of proceedings to the distribution of proceeds and final settlements. A case study including forms and templates and a glossary help the reader put the theory into practice. New features in the 8th edition include a comprehensive overview of recent case law up to the end of 2016 – indispensable information for receivership and compulsory auctions.

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