1. Record Nr. UNINA9910460143503321

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|---|---|
| Autore | Torretti Roberto <1930-> |
| Titolo | Creative understanding [[electronic resource] ] : philosophical reflections on physics / / Roberto Torretti |
| Pubbl/distr/stampa | Chicago, : University of Chicago Press, 1990 |
| ISBN | 0-226-80835-1<br>1-283-05863-4<br>9786613058638<br>0-226-80782-7 |
| Descrizione fisica | 1 online resource (388 pages) |
| Classificazione | UB 6000 |
| Disciplina | 530/.01 |
| Soggetti | Physics - Philosophy<br>Physics - Methodology<br>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 (p. [337]-356) and index. |
| Nota di contenuto | Frontmatter -- Contents -- Preface -- Acknowledgments -- 1. Observation -- 2. Concepts -- 3. Theories -- 4. Probability -- 5. Necessity -- Notes -- References -- Index |
| Sommario/riassunto | "A pleasure to read. Gracefully written by a scholar well grounded in the relevant philosophical, historical, and technical background. . . . a helpfully clarifying review and analysis of some issues of importance to recent philosophy of science and a source of some illuminating insights."-Burke Townsend, Philosophy of Science |

2. Record Nr. UNINA9910153126003321

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|---|---|
| Autore | Wade L. G. <1947-> |
| Titolo | Solutions manual for organic chemistry / / LeRoy G. Wade, Jan W. Simek |
| Pubbl/distr/stampa | Harlow, England : , : Pearson Education, Limited, , [2014]<br>Â©2014 |
| ISBN | 1-292-03557-9 |
| Edizione | [Eighth edition.] |
| Descrizione fisica | 1 online resource (681 pages) : illustrations |
| Disciplina | 454 |
| Soggetti | Chemistry, Organic |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes index. |
| Nota di contenuto | Cover -- Table of Contents -- Symbols and Abbreviations -- 1. Solutions for Introduction and Review -- 2. Solutions for Structure and Properties of Organic Molecules -- 3. Solutions for Structure and Stereochemistry of Alkanes -- 4. Solutions for The Study of Chemical Reactions -- 5. Solutions for Stereochemistry -- 6. Solutions for Alkyl Halides: Nucleophilic Substitution and Elimination -- 7. Solutions for Structure and Synthesis of Alkenes -- 8. Solutions for Reactions of Alkenes -- 9. Solutions for Alkynes -- 10. Solutions for Structure and Synthesis of Alcohols -- 11. Solutions for Reactions of Alcohols -- 12. Solutions for Infrared Spectroscopy and Mass Spectrometry -- 13. Solutions for Nuclear Magnetic Resonance Spectroscopy -- 14. Solutions for Ethers, Expoxides, and Thioethers -- 15. Solutions for Conjugated Systems, Orbital Symmetry, and Ultraviolet Spectroscopy -- 16. Solutions for Aromatic Compounds -- 17. Solutions for Reactions of Aromatic Compounds -- 18. Solutions for Ketones and Aldehydes -- 19. Solutions for Amines -- 20. Solutions for Carboxylic Acids -- 21. Solutions for Carboxylic Acid Derivatives -- 22. Solutions for Condensations and Alpha Substitutions of Carbonyl Compounds -- 23. Solutions for Carbohydrates and Nucleic Acids -- 24. Solutions for Amino Acids, Peptides, and Proteins -- 25. Solutions for Lipids -- Index -- 1 -- 2. |
| Sommario/riassunto | Prepared by Jan William Simek, this manual provides detailed solutions to all in-chapter as well as end-of-chapter exercises in the text. |

3. Record Nr. UNINA9910793833503321

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|---|---|
| Autore | Rieutord Michel |
| Titolo | Multi-dimensional processes in stellar physics : Evry Schatzman School 2018 / / Michel Rieutord, Isabelle Baraffe and Yveline Lebreton, Eds |
| Pubbl/distr/stampa | [Place of publication not identified] : , : EDP Sciences, , [2020]<br>©2020 |
| ISBN | 2-7598-2437-3 |
| Descrizione fisica | 1 online resource (230 pages) |
| Collana | EDP sciences proceedings |
| Disciplina | 515.353 |
| Soggetti | Differential equations, Partial |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Front matter -- List of Participants -- Table of contents -- Preface -- Double-diffusive processes in stellar astrophysics -- Thermo-compositional adiabatic and diabatic convection -- Fully compressible time implicit hydrodynamics simulations for stellar interiors -- Thermal Convection in Stars and in Their Atmosphere -- Turbulence in stably stratified radiative zone -- An extremely short course on stellar rotation and magnetism -- Stellar magnetism: bridging dynamos and winds -- Multi-dimensional asteroseismology -- Multi-dimensional physics of core-collapse supernovae -- References |
| Sommario/riassunto | When one has to deal with fluid flows, magnetic fields or heat transfer in stars, one faces the partial differential equations that govern these processes. These phenomena are naturally multi-dimensional and their study requires new and sophisticated models. This volume gathers the lecture notes which summarize the essence of the lectures and conferences given by world experts in the field of multi-dimensional modelling of stars, during the 2018 Evry Schatzman School held in Roscoff, France. It gives the present status of our understanding of several processes that occur in stars, like thermal convection, double-diffusive convection, dynamo effect or baroclinic flows. Every subject is discussed under the light of the most recent results of nowadays research and is made accessible to all newcomers, either students or researchers who wish to join the field. |

4. Record Nr. UNINA9910797393403321

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|---|---|
| Autore | Fink Johannes Karl |
| Titolo | Petroleum engineer's guide to oil field chemicals and fluids [[electronic resource] /] / Johannes Karl Fink |
| Pubbl/distr/stampa | Amsterdam ; ; Boston, : Gulf Professional Publishing, c2012 |
| ISBN | 0-12-383845-2<br>9786613114730<br>1-283-11473-9 |
| Edizione | [2nd edition] |
| Descrizione fisica | 1 online resource (854 pages) |
| Altri autori (Persone) | FinkJohannes Karl |
| Disciplina | 622/.3382/028 |
| Soggetti | Oil field chemicals<br>Petroleum engineers |
| 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 | ""Front Cover""; ""Petroleum Engineer's Guide to Oil Field Chemicals and Fluids""; ""Copyright""; ""Preface to Second Edition""; ""Preface""; ""How to Use This Book""; ""Index""; ""Bibliography""; ""Acknowledgments""; ""Contents""; ""Chapter 1: Drilling muds""; ""1.1 Classification of muds""; ""1.1.1 Dispersed noninhibited systems""; ""1.1.2 Phosphate-treated muds""; ""1.1.3 Lignite muds""; ""1.1.4 Quebracho muds""; ""1.1.5 Lignosulfonate muds""; ""1.1.6 Lime muds""; ""1.1.7 Sea water muds""; ""1.1.8 Nondispersed noninhibited systems""; ""1.1.9 Low-solids fresh water muds""<br>""1.1.10 Variable density fluids""""1.1.11 Gas-based muds""; ""1.1.12 Drill-in fluids""; ""Heavy brine completion fluids""; ""1.2 Mud compositions""; ""1.2.1 Inhibitive water-based muds""; ""1.2.2 Water-based muds""; ""Compositions with improved thermal stability""; ""Shale encapsulator""; ""Membrane formation""; ""1.2.3 Oil-based drilling muds""; ""Poly(ether)cyclicpolyols""; ""Emulsifier for deep drilling""; ""Biodegradable composition""; ""Electric conductive nonaqueous mud""; ""Water removal""; ""1.2.4 Synthetic muds""; ""1.2.5 Inverted emulsion drilling muds""; ""Esters""; ""Acetals""<br>""Anti-settling properties""""Glycosides""; ""Miscellaneous""; ""Reversible phase inversion""; ""1.2.6 Foam drilling""; ""1.2.7 Chemically enhanced drilling""; ""Temperature and salinity effects""; ""1.2.8 Supercritical |

carbon dioxide drilling""; ""1.3 Additives""; ""1.3.1 Thickeners""; ""Polymers""; ""pH responsive thickeners""; ""Mixed metal hydroxides""; ""1.3.2 Lubricants""; ""Hagfish slime""; ""1.3.3 Bacteria""; ""1.3.4 Corrosion inhibitors""; ""1.3.5 Viscosity control""; ""1.3.6 Clay stabilization""; ""1.3.7 Formation damage""; ""1.3.8 Shale stabilizer""; ""1.3.9 Fluid loss additives""
""Water swellable polymers""""Shear degradation of lost circulation materials""; ""Anionic association polymer""; ""Fragile gels""; ""Aphrons""; ""Permanent grouting""; ""1.3.10 Scavengers""; ""Oxygen scavenger""; ""Hydrogen sulfide removal""; ""1.3.11 Surfactants""; ""Surfactant in hydrocarbon solvent""; ""Biodegradable surfactants""; ""Deflocculants and dispersants""; ""Shale stabilizing surfactants""; ""Toxicity""; ""Defoamers""; ""1.3.12 Hydrate inhibitors""; ""1.3.13 Weighting materials""; ""Barite""; ""Ilmenite""; ""Carbonate""; ""Zinc oxide, zirconium oxide, and manganese tetroxide""
""Hollow glass microspheres""""1.3.14 Organoclay compositions""; ""Biodegradable organophilic clay""; ""Poly(vinyl neodecanoate)""; ""1.3.15 Miscellaneous""; ""Reticulated bacterial cellulose""; ""Scleroglucan""; ""Uintaite""; ""Sodium asphalt sulfonate""; ""Formation damage by gilsonite and sulfonated asphalt""; ""Illitic sandstone outcrop cores""; ""1.3.16 Multicomponent additives""; ""1.4 Cleaning operations""; ""1.4.1 Cuttings removal""; ""1.4.2 Junk removal""; ""1.4.3 Filter cake removal""; ""1.5 Drilling fluid disposal""; ""1.5.1 Toxicity""; ""1.5.2 Conversion into cements""
""1.5.3 Environmental regulations""

Sommario/riassunto

The oil and gas engineer on the job requires knowing all the available oil field chemicals and fluid applications that are applicable to the operation. Updated with the newest technology and available products, Petroleum Engineer's Guide to Oil Field Chemicals and Fluids, Second Edition, delivers all the necessary lists of chemicals by use, their basic components, benefits, and environmental implications. In order to maintain reservoir protection and peak well production performance, operators demand to know all the options that are available. Instead of searching through various sources