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| 1. Record Nr. | UNINA9910144282403321 |
| Autore | Armarego W. L. F |
| Titolo | Fused pyrimidines . Part I Quinazolines [[electronic resource] /] / W.L.F. Armarego; edited by D.J. Brown |
| Pubbl/distr/stampa | New York, : Interscience Publishers, 1967 |
| ISBN | 1-282-30711-8 |
| | 9786612307119 |
| | 0-470-18691-7 |
| | 0-470-18839-1 |
| Edizione | [99th ed.] |
| Descrizione fisica | 1 online resource (564 p.) |
| Collana | The chemistry of heterocyclic compounds ; ; 24/1 |
| Altri autori (Persone) | BrownD. J |
| Disciplina | 547/.59/05 |
| Soggetti | Quinazoline |
| | Heterocyclic compounds |
| | 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 bibliographies and indexes. |
| Nota di contenuto | QUINAZOLINES; Contents; Tables; I. Introduction; 1. History; 2. Nomenclature; 3. The Dual Character of Quinazolines; 4. General Summary of Quinazoline Chemistry; A. Syntheses; a. Primary Syntheses; b. Secondary Syntheses; B. The Heightened Reactivity of 2- and 4-Alkyl Groups; C. Addition and Substitution Reactions, and Nucleophilic Metathesis; D. N-Oxides; E. Tautomerism; F. Oxidation and Reduction; G. Rearrangements; H. Biological Activity in Quinazolines; 5. Tables; Introduction; 6. References; II. Quinazoline; 1. Synthesis of Quinazoline; 2. Physical Properties |
| | II.1. Quinazoline and 3-Alkyl Derivatives A. Theoretical Aspects; B. Spectra; a. Ultraviolet Spectra; b. Phosphorescence Spectra; c. Infrared Spectra; d. Proton Magnetic Resonance Spectra; e. Mass Spectra; C. Covalent Hydration; a. Covalent Hydration in Quinazoline; b. Effect of Substituents in the Pyrimidine Ring on Covalent Hydration; (i) Effect of substituents in position 4; (ii) Effect of saubstituenta in position 2; c. Effect Substituents in the Benzene Ring on Covalent Hydration; II.2. Electronic Effects and Hydration in 2-Substituted Quinazoline Cations II.3. Ionization and Covalent Hydration of Quinazolines in Water at 20° |

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| Sommario/riassunto | Chemistry of Heterocyclic Compounds publishes articles, letters to the Editor, reviews, and minireviews on the synthesis, structure, reactivity, and biological activity of heterocyclic compounds including natural products. The journal covers investigations in heterocyclic chemistry taking place in scientific centers of all over the world, including extensively the scientific institutions in Russia, Ukraine, Latvia, Lithuania and Belarus. |

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| 2. Record Nr. | UNINA9910717416103321 |
| Autore | Shahandashti Mohsen |
| Titolo | Construction Analytics : Forecasting and Investment Valuation / / by Mohsen Shahandashti, Bahram Abediniangerabi, Ehsan Zahed, Sooin Kim |
| Pubbl/distr/stampa | Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023 |
| ISBN | 3-031-27292-7 |
| Edizione | [1st ed. 2023.] |
| Descrizione fisica | 1 online resource (VIII, 186 p.) |
| Disciplina | 624.0681 <br> 690.0285 |
| Soggetti | Construction industry - Management <br> Buildings - Design and construction <br> Building materials <br> Valuation <br> Civil engineering <br> Construction Management <br> Building Construction and Design <br> Building Materials <br> Investment Appraisal <br> Civil Engineering |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Chapter 1. Introduction to Construction Analytics -- Chapter 2. Construction Forecasting using Univariate Time Series Models -- Chapter 3. Construction Forecasting Using Time-series Volatility Models -- Chapter 4. Construction Forecasting using Multivariate Time Series Models -- Chapter 5. Construction Forecasting Using Recurrent Neural Networks -- Chapter 6. Investment Valuation of Construction Projects Under Uncertainty -- Appendices: Construction time series datasets, including National Highway Construction Cost Index (NHCCI), Federal Highway Construction Spending, Iowa Highway Construction. |
| Sommario/riassunto | This text covers R program coding for the implementation of two essential data analytics for practical construction problems. The first |

part of this book explains time series basics, models, and forecasting approaches in the context of the construction industry, accompanied by practical examples in construction. The second part describes the concept of investment valuation for construction projects and provides both deterministic and probabilistic techniques to conduct investment valuation on construction projects. R code scripts are provided in this book for solving practical problems in the construction industry. This book is also equipped with an R Package entitled "cdar" to provide the necessary functions for performing investment valuation. The book maximizes students' understanding of the necessary theoretical background of data analytics, and explains the implementation of data analytics techniques to solve the actual problems in the construction industry. Illustrates theoretical explanations of construction analytics, hands-on practices, and R codes for analytics techniques; Enables readers to investigate the problems in the construction industry such as cost overruns and investment timing; Reinforces concepts presented with problems and solutions, datasets, and programming codes.