1. Record Nr. UNINA9910462999803321

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| Autore | Hladky Vojtech |
| Titolo | The philosophy of Gemistos Plethon : Platonism in late Byzantium, between Hellenism and orthodoxy / / Vojtech Hladky |
| Pubbl/distr/stampa | London : , : Routledge, , 2016 |
| ISBN | 1-317-02149-5<br>1-315-55472-0<br>1-4094-5295-6 |
| Descrizione fisica | 1 online resource (403 p.) |
| Disciplina | 186/.4 |
| Soggetti | Political science - Philosophy<br>Religion - Philosophy<br>Electronic books.<br>Byzantine Empire Intellectual life |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | First published 2014 by Ashgate Publishing. |
| Nota di bibliografia | Includes bibliographical references and indexes. |
| Nota di contenuto | Cover; Contents; List of Tables; Acknowledgements; Introduction; The Man and his Work; Gemistos and Scholarship; PART I: PUBLIC PHILOSOPHY; 1 Platonic Reforms; 2 Fate of the Soul; 3 Conclusion to Part I: Platonism in Practice; PART II: PHILOSOPHIA PERENNIS; 4 Writings about the Perennial Philosophy; 5 Introduction to the Perennial Philosophy; 6 Division of Reality; 7 Zeus, the First Principle; 8 Supracelestial Gods, the Forms; Defence of Platonic Forms; The Forms in Plethon's Laws; 9 The Forms as the Gods; Olympians; Titans (Tartarus); Table of the Gods of the First and Second Order Sources of Plethon's Mythology10 Sensible Cosmos; Gods of the Third Order; Stars and Daemons; 11 Nature Mortal and Human; The Soul and the Human Situation; Fate and Freedom; Ethics, Cult and Politics; 12 Conclusion to Part II: Plethon's Platonism; PART III: QUESTION OF RELIGION; 13 Becoming Pagan; 14 Gemistos' Mysterious Teacher; 15 Witnesses; Pupils and Friends; Admirers; Adversaries; 16 Change of Name; 17 Fight for Orthodoxy; 18 The Book; 19 Conclusion to Part III: Pagan or Christian?; Appendix; Manuscript Supplement; Abbreviations; Primary Sources; Gemistos Plethon and His Contemporaries |

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| | Other Ancient, Byzantine and Renaissance AuthorsSecondary Literature; Systematic Bibliographies of Secondary Texts on Gemistos Plethon; Secondary Texts; Index of Passages Quoted; General Index |
| Sommario/riassunto | George Gemistos Plethon (c. 1360-1454) was a remarkable and influential thinker, active at the time of transition between the Byzantine Middle Ages and the Italian Renaissance. His works cover literary, historical, scientific, but most notably philosophical issues. Plethon is arguably the most important of the Byzantine Platonists and the earliest representative of Platonism in the Renaissance. This book provides a new study of Gemistos' philosophy. The first part is dedicated to the discussion of his 'public philosophy', in the second, most extensive, part of the book the Platonism of Plethon |

2. Record Nr. UNINA9910438149703321

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| Titolo | Mathematical modeling and validation in physiology : applications to the cardiovascular and respiratory systems / / Jerry J. Batzel, Mostafa Bachar, Franz Kappel, editors |
| Pubbl/distr/stampa | Berlin ; ; New York, : Springer, c2013 |
| ISBN | 3-642-32882-2 |
| Edizione | [1st ed. 2013.] |
| Descrizione fisica | 1 online resource (XX, 254 p. 83 illus., 34 illus. in color.) |
| Collana | Lecture notes in mathematics ; ; 2064 |
| Altri autori (Persone) | BatzelJerry J<br>BacharMostafa<br>KappelF |
| Disciplina | 571.015118 |
| Soggetti | Human physiology - Mathematical models<br>Cardiovascular system - Mathematical models<br>Respiratory organs - Mathematical models |
| 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 | 1 Merging Mathematical and Physiological Knowledge: Dimensions and Challenges -- 2 Mathematical Modeling of Physiological Systems -- 3 Parameter Selection Methods in Inverse Problem Formulation.- 4 Application of the Unscented Kalman Filtering to Parameter Estimation |

-- 5 Integrative and Reductionist Approaches to Modeling of Control of Breathing -- 6 Parameter Identification in a Respiratory Control System Model with Delay -- 7 Experimental Studies of Respiration and Apnea -- 8 Model Validation and Control Issues in the Respiratory System -- 9 Experimental Studies of the Baroreflex -- 10 Development of Patient Specific Cardiovascular Models Predicting Dynamics in Response to Orthostatic Stress Challenges -- 11 Parameter Estimation of a Model for Baroreflex Control of Unstressed Volume.

Sommario/riassunto

This volume synthesizes theoretical and practical aspects of both the mathematical and life science viewpoints needed for modeling of the cardiovascular-respiratory system specifically and physiological systems generally. Theoretical points include model design, model complexity and validation in the light of available data, as well as control theory approaches to feedback delay and Kalman filter applications to parameter identification. State of the art approaches using parameter sensitivity are discussed for enhancing model identifiability through joint analysis of model structure and data. Practical examples illustrate model development at various levels of complexity based on given physiological information. The sensitivity-based approaches for examining model identifiability are illustrated by means of specific modeling examples. The themes presented address the current problem of patient-specific model adaptation in the clinical setting, where data is typically limited.