Record Nr. UNINA9910258752303321 Autore Yatsko Andrzej Titolo Insight into theoretical and applied informatics: introduction to information technologies and computer science / / Andrzej Yatsko, Walery Susow: managing editor, Irmina Grzegorek; associate editor, Dalia Baziuke; language editor, Adam Tod Leverton [Berlin, Germany]: ,: De Gruyter Open, , 2015 Pubbl/distr/stampa ©2015 **ISBN** 3-11-046988-X Descrizione fisica 1 online resource (122 pages): illustrations 004 Disciplina Computer science Soggetti Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references and index. Nota di bibliografia Front matter -- Contents -- Abstract -- 1. Introduction to Informatics Nota di contenuto -- 2. Algorithmics -- 3. Computer Programming -- 4. Information Systems -- Bibliography -- Index The book is addressed to young people interested in computer Sommario/riassunto technologies and computer science. The objective of this book is to provide the reader with all the necessary elements to get him or her started in the modern field of informatics and to allow him or her to become aware of the relationship between key areas of computer science. The book is addressed not only to future software developers, but also to all who are interested in computing in a widely understood sense. The authors also expect that some computer professionals will want to review this book to lift themselves above the daily grind and to embrace the excellence of the whole field of computer science. Unlike existing books, this one bypasses issues concerning the construction of computers and focuses only on information processing. Recognizing

> the importance of the human factor in information processing, the authors intend to present the theoretical foundations of computer science, software development rules, and some business aspects of

informatics in non-technocratic, humanistic terms.