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| 1. Record Nr. | UNISA996464453803316 |
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| Titolo | Data, information, and time : the DIT model / / Hermann Kopetz |
| Pubbl/distr/stampa | Cham, Switzerland : , : Springer, , [2022] ©2022 |
| ISBN | 9783030963293 9783030963286 |
| Descrizione fisica | 1 online resource (82 pages) |
| Collana | SpringerBriefs in Computer Science |
| Disciplina | 004.33 |
| Soggetti | Real-time data processing Data structures (Computer science) |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Intro -- Foreword -- Preface -- Contents -- Chapter 1: Introduction -- Chapter 2: Overview of the DIT Model -- Chapter 3: Fundamental Terms -- 3.1 Time and Space -- 3.2 Entities, Properties, and Categories -- 3.3 Symbols -- 3.4 Models -- Chapter 4: Context -- 4.1 Inner Context -- 4.2 Outer Context -- Chapter 5: Language and Information -- 5.1 Meaning of a Word -- 5.2 Basic Sentence -- 5.3 Temporal Validity Function -- 5.4 Information Item-Item -- Chapter 6: Data in Communication -- 6.1 Communication Among Humans -- 6.2 Stigmergic Communication -- 6.3 Data in Cyberspace -- Chapter 7: Data in Archival Systems -- 7.1 Data Structures -- 7.2 Knowledge Graphs -- 7.3 The Semantic Web -- 7.4 Big Data Analytics -- Chapter 8: Data in Real-Time Control Systems -- 8.1 Four Real-Time (RT) Applications -- 8.2 Precision Versus Timeliness of Real-Time Data -- 8.3 Semiautonomous Control Systems -- 8.4 Fully Autonomous Systems -- Chapter 9: Data in Biological Systems -- 9.1 Phases in the Life of a Plant -- 9.2 The Control Database-The DNA -- 9.3 Data in Computers, Plants, and Human Communication -- Chapter 10: Generation and Explanation of Data -- 10.1 Generation of Data -- 10.2 Explanation of Data -- Chapter 11: Consequences for System Design -- 11.1 Specification Dilemma -- 11.2 Human-Machine Interface (HMI) Design -- 11.3 Benefits of a Global Time -- 11.4 Reduction of Context |

