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Nota di contenuto	Front matter -- Preface -- Table of Contents -- 1. Introduction: Envisioning Semantic Information Spaces -- Part A Propaedeutics - Organizing, Representing, and Exploring Knowledge -- 2. Indexing and Knowledge Organization -- 3. Semantic Technologies for Knowledge Representation -- 4. Information Retrieval and Knowledge Exploration -- Part B Status quo - Handling Heterogeneity in Indexing and Retrieval -- 5. Approaches to Handle Heterogeneity -- 6. Problems with Establishing Semantic Interoperability -- Part C Vision - Ontology-based Indexing and Retrieval -- 7. Formalization in Indexing Languages -- 8. Typification of Semantic Relations -- 9. Inferences in Retrieval Processes -- 10. Semantic Interoperability and Inferences -- 11. Remaining Research Questions -- Part D Appendices -- Systematic Glossary -- Abbreviations -- List of figures -- List of tables -- References -- Index

Sommario/riassunto

This book covers the basics of semantic web technologies and indexing languages, and describes their contribution to improve methods of formal knowledge representation and reasoning. The methodologies included combine the specifics of indexing languages, Web representation languages and intersystem relations, and explain their contribution to search functionalities in information retrieval scenarios. An example oriented discussion, considering aspects of conceptual and semantic interoperability in processes of subject querying and knowledge exploration is provided. The book is relevant to information scientists, knowledge workers and indexers. It provides a suitable combination of theoretical foundations and practical applications.

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Autore

Ferreira Carlos Miguel

Titolo

COVID-19 and Social Sciences

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Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021

Descrizione fisica

1 online resource (102 p.)

Soggetti

Biology, life sciences
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The COVID-19 pandemic is having profound effects on all dimensions of life: individual, social, cultural, and public and economic health, among others. The contribution of social sciences is very relevant in understanding this disease and pandemic as well as its effects. It is also relevant for taking measures, such as, for example, compliance with physical distance, mask-wearing, no gatherings, and information to the population in a more efficient way. This book discusses topics such as

COVID-19 in a risk society and its implications; the situation of patients with diabetes in a lockdown context; the technological, pedagogical, and social challenges posed by remote teaching; and, finally, the explanation of potential contributions of several specific social sciences that can shape both the taking of measures and their fulfilment in the desired direction. The book concludes with an analysis of the underlying social, psychological, and philosophical issues that are pandemic-related and that may have a considerable impact on societies and individuals, also highlighting the situation of the most disadvantaged groups, given that pandemics tend to accentuate social inequalities.
