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Titolo	Data Analytics and Management in Data Intensive Domains : 23rd International Conference, DAMDID/RCDL 2021, Moscow, Russia, October 26–29, 2021, Revised Selected Papers // edited by Alexei Pozanenko, Sergey Stupnikov, Bernhard Thalheim, Eva Mendez, Nadezhda Kiselyova
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Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1620
Disciplina	354.81150006
Soggetti	Data mining Artificial intelligence Application software Social sciences - Data processing Image processing - Digital techniques Computer vision Software engineering Data Mining and Knowledge Discovery Artificial Intelligence Computer and Information Systems Applications Computer Application in Social and Behavioral Sciences Computer Imaging, Vision, Pattern Recognition and Graphics Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Problem Solving Infrastructures, Experiment Organization, and Machine Learning Applications -- MLDev: Data Science Experiment Automation and Reproducibility Software -- Response to Cybersecurity Threats of Informational Infrastructure Based on Conceptual Models -- Social Network Analysis of the Professional Community Interaction - Movie

Industry Case -- Data Analysis in Astronomy -- Cross-Matching of Large Sky Surveys and Study of Astronomical Objects Apparent in Ultraviolet Band Only -- The Diversity of Light Curves of Supernovae Associated with Gamma-Ray Bursts -- Application of Machine Learning Methods for Cross-Matching Astronomical Catalogs -- Pipeline for Detection of Transient Objects in Optical Surveys -- VALD in Astrophysics -- Data Analysis in Material and Earth Sciences -- Machine Learning Application to Predict New Inorganic Compounds -- Results and Perspectives -- Interoperability and Architecture Requirements Analysis and Metadata Standardization for a Research Data Infrastructure in Catalysis -- Fast Predictions of Lattice Energies by Continuous Isometry Invariants of Crystal Structures -- Image Recognition for Large Soil Maps Archive Overview: Metadata Extraction and Georeferencing Tool Development -- Information Extraction from Text -- Cross-lingual Plagiarism Detection Method -- Methods for Automatic Argumentation Structure Prediction -- A System for Information Extraction from Scientific Texts in Russian -- Improving Neural Abstractive Summarization with Reliable Sentence Sampling.

Sommario/riassunto

This book constitutes the post-conference proceedings of the 23rd International Conference on Data Analytics and Management in Data Intensive Domains, DAMDID/RCDL 2021, held in Moscow, Russia, in October 2021*. The 16 revised full papers were carefully reviewed and selected from 61 submissions. The papers are organized in the following topical sections: problem solving infrastructures, experiment organization, and machine learning applications; data analysis in astronomy; data analysis in material and earth sciences; information extraction from text * The conference was held virtually due to the COVID-19 pandemic.
