1. Record Nr. UNINA9910349308103321

Titolo	Big Scientific Data Management : First International Conference, BigSDM 2018, Beijing, China, November 30 – December 1, 2018, Revised Selected Papers / / edited by Jianhui Li, Xiaofeng Meng, Ying Zhang, Wenjuan Cui, Zhihui Du
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-28061-6
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIII, 332 p. 172 illus., 113 illus. in color.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 11473
Disciplina	502.85 005.7
Soggetti	Big data Computer networks Computer engineering Artificial intelligence Electronic data processing - Management Data protection Big Data Computer Communication Networks Computer Engineering and Networks Artificial Intelligence IT Operations Data and Information Security
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Application cases in the big scientific data management -- Paradigms for enhancing scientific discovery through big data -- Data management challenges posed by big scientific data -- Machine learning methods to facilitate scientific discovery -- Science platforms and storage systems for large scale scientific applications -- Data cleansing and quality assurance of science data -- Data policies.

Sommario/riassunto

This book constitutes the refereed proceedings of the First International Conference on Big Scientific Data Management, BigSDM 2018, held in Beijing, Greece, in November/December 2018. The 24 full papers presented together with 7 short papers were carefully reviewed and selected from 86 submissions. The topics involved application cases in the big scientific data management, paradigms for enhancing scientific discovery through big data, data management challenges posed by big scientific data, machine learning methods to facilitate scientific discovery, science platforms and storage systems for large scale scientific applications, data cleansing and quality assurance of science data, and data policies.