

1. Record Nr.	UNINA9910864179303321
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Titolo	Web and Big Data : 7th International Joint Conference, APWeb-WAIM 2023, Wuhan, China, October 6–8, 2023, Proceedings, Part I / / edited by Xiangyu Song, Ruyi Feng, Yunliang Chen, Jianxin Li, Geyong Min
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819723034 9819723035
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (533 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14331
Altri autori (Persone)	FengRuyi ChenYunliang LiJianxin MinGeyong
Disciplina	005.7
Soggetti	Big data Data structures (Computer science) Information theory Application software Image processing - Digital techniques Computer vision Data mining Big Data Data Structures and Information Theory Computer and Information Systems Applications Computer Imaging, Vision, Pattern Recognition and Graphics Data Mining and Knowledge Discovery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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The 4-volume set LNCS 14331, 14332, 14333, and 14334 constitutes the refereed proceedings of the 7th International Joint Conference, APWeb-WAIM 2023, which took place in Wuhan, China, in October 2023. The total of 138 papers included in the proceedings were carefully reviewed and selected from 434 submissions. They focus on innovative ideas, original research findings, case study results, and experienced insights in the areas of the World Wide Web and big data, covering Web technologies, database systems, information management, software engineering, knowledge graph, recommend system and big data.
