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	Soggetti	Artificial intelligence
		Data mining
		Computers
		Optical data processing
		Software engineering
		Artificial Intelligence
		Data Mining and Knowledge Discovery
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		Computer Imaging, Vision, Pattern Recognition and Graphics
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	Sommario/riassunto	This book constitutes the proceedings of the 22nd International Conference on Discovery Science, DS 2019, held in Split, Coratia, in October 2019. The 21 full and 19 short papers presented together with 3 abstracts of invited talks in this volume were carefully reviewed and selected from 63 submissions. The scope of the conference includes the development and analysis of methods for discovering scientific knowledge, coming from machine learning, data mining, intelligent data analysis, big data analysis as well as their application in various

scientific domains. The papers are organized in the following topical sections: Advanced Machine Learning; Applications; Data and Knowledge Representation; Feature Importance; Interpretable Machine Learning; Networks; Pattern Discovery; and Time Series.