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Soggetti	Computer simulation Database management Computer networks Artificial intelligence Computer systems Computer Modelling Database Management System Computer Communication Networks Artificial Intelligence Computer System Implementation
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Nota di contenuto	Applications of Signal Processing Technology -- Artificial Intelligence and Data Mining for Intelligent Transportation Systems and Smart Mobility -- Computer Vision, Machine Learning for Image Analysis and Applications -- Computer and Systems Based Methods and Electronic Technologies in Medicine -- Advances in Biomedical Signal and Image Processing -- Systems Concepts and Methods in Touristic Flows -- Systems in Industrial Robotics, Automation and IoT.
Sommario/riassunto	The two-volume set LNCS 12013 and 12014 constitutes the thoroughly refereed proceedings of the 17th International Conference on Computer Aided Systems Theory, EUROCAST 2019, held in Las Palmas

de Gran Canaria, Spain, in February 2019. The 123 full papers presented were carefully reviewed and selected from 172 submissions. The papers are organized in the following topical sections: Part I: systems theory and applications; pioneers and landmarks in the development of information and communication technologies; stochastic models and applications to natural, social and technical systems; theory and applications of metaheuristic algorithms; model-based system design, verification and simulation. Part II: applications of signal processing technology; artificial intelligence and data mining for intelligent transportation systems and smart mobility; computer vision, machine learning for image analysis and applications; computer and systems based methods and electronic technologies in medicine; advances in biomedical signal and image processing; systems concepts and methods in touristic flows; systems in industrial robotics, automation and IoT.
