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	Soggetti	Health informatics
		Pattern recognition
		Optical data processing
		Application software
		Health Informatics
		Pattern Recognition
		Image Processing and Computer Vision
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	Nota di contenuto	Medicine, biology and health using image analysis -- Computer vision, pattern analysis and classification -- Information visualization -- Signal processing -- Control theory -- Information theory -- Statistical analysis -- Information fusion -- Numerical analysis -- Fractals and chaos -- Optimization -- Simulation and modeling -- Parallel computing -- Computational intelligence methods -- Machine learning -- Data mining -- Decision support systems -- Database integration and management -- Cognitive modeling -- Applied linguistics.
	Sommario/riassunto	This book constitutes the refereed proceedings of the First International Conference on Biomedical Informatics and Technology, ACBIT 2013, held in Aizu-Wakamatsu, Japan, in September 2013. The ??? revised full papers presented together with 14 keynotes and invited

talks were carefully reviewed and selected from 48 submissions. The papers address important problems in medicine, biology and health using image analysis, computer vision, pattern analysis and classification, information visualization, signal processing, control theory, information theory, statistical analysis, information fusion, numerical analysis, fractals and chaos, optimization, simulation and modeling, parallel computing, computational intelligence methods, machine learning, data mining, decision support systems, database integration and management, cognitive modeling, and applied linguistics.