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Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 8498
Disciplina	502.85
Soggetti	Health informatics Optical data processing Pattern recognition Computer simulation Application software Health Informatics Image Processing and Computer Vision Pattern Recognition Simulation and Modeling Computer Applications Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
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Nota di contenuto	Planning -- Simulation -- Patient specific models for computer assisted interventions -- Medical robotics and surgical navigation -- Interventional imaging and advanced intra-op visualization -- Cognition, modeling and context awareness -- Clinical applications, systems, software, and validation.
Sommario/riassunto	This book constitutes the refereed proceedings of the 5th International Conference on Information Processing in Computer-Assisted Interventions, IPCAI 2014, held in Fukuoka, Japan, on June 28, 2014. The 28 papers presented were carefully reviewed and selected from 58

submissions. The papers are organized in topical sections on planning, simulation, patient specific models for computer assisted interventions, medical robotics and surgical navigation, interventional imaging and advanced intra-op visualization, cognition, modeling and context awareness, clinical applications, systems, software, and validation.
