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Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 10557
Disciplina	651.5042610285
Soggetti	Optical data processing Health informatics Artificial intelligence Computer simulation Management information systems Computer science Algorithms Image Processing and Computer Vision Health Informatics Artificial Intelligence Simulation and Modeling Management of Computing and Information Systems Algorithm Analysis and Problem Complexity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book constitutes the refereed proceedings of the Second International Workshop on Simulation and Synthesis in Medical Imaging, held in conjunction with MICCAI 2017, in Québec City, Canada, in September 2017. The 11 revised full papers presented were

carefully reviewed and selected from 14 submissions. The contributions span the following broad categories: cross modality (PET/MR, PET/CT, CT/MR, etc.) image synthesis, simulation and synthesis from large-scale image databases, automated techniques for quality assessment images, and several applications of image synthesis and simulation in medical imaging such as image interpolation and segmentation, image reconstruction, cell imaging, and blood flow.
