1. Record Nr. UNINA9911007470703321

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Titolo	Computer-Aided Intelligent Diagnosis of Skin Melanoma / / by Shuli Guo, Xiaowei Song, Lina Han
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9661-35-8
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XVII, 132 p. 61 illus., 58 illus. in color.)
Disciplina	610.28
Soggetti	Biomedical engineering Image processing - Digital techniques Computer vision Medical and Health Technologies Computer Imaging, Vision, Pattern Recognition and Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Color correction based on gamma correction and multi-scale image fusion -- Hair removal from dermoscopic images based on maximum variance fuzzy clustering and improved Criminisi algorithm -- Hair removal from dermoscopic images based on texture spectrum iterative tensor voting and optimized total variation algorithm -- Dermoscopic image registration based on adaptive SURF feature extraction and weighted nuclear norm minimization fusion.
Sommario/riassunto	This book is intended primarily for researchers, engineers, and graduate students in the fields of medicine management and software engineering in the field of dermatology. Aiming at the problems of color deviation, structured noise interference, and uneven distribution of feature points in the identification of melanoma, this book researches four aspects of dermoscopic image such as color correction, hair removal, image registration and classification recognition. Some creative methods are presented as follows, 1 Dermoscopic image color correction, 2 Dermoscopic image hair removal, 3 Dermoscopic image registration. In writing style, a combination of diagrams, tables, formula and text is used in order that the book can be understood easily and raise the readers’ interest, and in content, theoretical

analysis and medical application are combined to describe the advanced technologies in every chapter.