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Titolo	Digital Image Processing using SCILAB / / by Rohit M. Thanki, Ashish M. Kothari
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ISBN	3-319-89533-8
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XVIII, 154 p. 118 illus., 36 illus. in color.)
Disciplina	621.382
Soggetti	Signal processing Image processing Speech processing systems Optical data processing Automatic control Robotics Mechatronics Artificial intelligence Signal, Image and Speech Processing Image Processing and Computer Vision Control, Robotics, Mechatronics Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Digital Image Fundamentals -- Image Enhancement in Spatial Domain Filtering in the Frequency Domain -- Image Restoration and Reconstruction -- Color Image Processing -- Image Compression -- Image Segmentation -- Morphological Image Processing -- Advanced Applications of Image Processing -- Conclusion.
Sommario/riassunto	This book provides basic theories and implementations using SCILAB open-source software for digital images. The book simplifies image processing theories and well as implementation of image processing algorithms, making it accessible to those with basic knowledge of image processing. This book includes many SCILAB programs at the

end of each theory, which help in understanding concepts. The book includes more than sixty SCILAB programs of the image processing theory. In the appendix, readers will find a deeper glimpse into the research areas in the image processing.
