

1. Record Nr.	UNINA9910299351203321
Autore	Furht Borko
Titolo	Digital Image Processing: Practical Approach / / by Borko Furht, Esad Akar, Whitney Angelica Andrews
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-96634-0
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (89 pages)
Collana	SpringerBriefs in Computer Science, , 2191-5768
Disciplina	621.367
Soggetti	Optical data processing Multimedia systems Image Processing and Computer Vision Multimedia Information Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The SpringerBrief covers fundamentals of digital image processing including image concept, image file formats, creating user interfaces and many practical examples of processing images using C++ and Java. These practical examples include among other creating image histograms, performing lossless image compression, detecting change in colors, similarity-based image retrieval and others. All practical examples are accompanied with an explanation how to create programs and the obtained results. This SpringerBrief can be very useful for the undergraduate courses on image processing, providing students with the basic tools in image analysis and processing. Practitioners and researchers working in this field will also find this research useful.