

1. Record Nr.	UNINA9910254215503321
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Titolo	Signal and Image Processing in Medical Applications / / by Amit Kumar, Fahimuddin Shaik, B Abdul Rahim, D.Sravan Kumar
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2016
ISBN	981-10-0690-3
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (54 p.)
Collana	SpringerBriefs in Forensic and Medical Bioinformatics, , 2196-8845
Disciplina	616.07540285
Soggetti	Biomedical engineering Signal processing Image processing Speech processing systems Radiology Bioinformatics Medical informatics Optical data processing Biomedical Engineering and Bioengineering Signal, Image and Speech Processing Imaging / Radiology Health Informatics Computer Imaging, Vision, Pattern Recognition and Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- A novel Approach in ECG Signal Processing -- Talc Embolism : Detection of Talc Deposition in Lungs -- Image Enhancement of Leukemia Microscopic Images -- DNA Microarray Analysis.
Sommario/riassunto	This book highlights recent findings on and analyses conducted on signals and images in the area of medicine. The experimental investigations involve a variety of signals and images and their methodologies range from very basic to sophisticated methods. The book explains how signal and image processing methods can be used to detect and forecast abnormalities in an easy-to-follow manner,

offering a valuable resource for researchers, engineers, physicians and bioinformatics researchers alike.
