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Titolo	Advanced Image Fusion Techniques for Medical Imaging : Trends, Applications, and Future Directions / / by Palani Thanaraj Krishnan, Vijayarajan Rajangam
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Altri autori (Persone)	RajangamVijayarajan
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Soggetti	Imaging systems in biology Image processing Signal processing Artificial intelligence Diagnosis Radiology Biological Imaging Image Processing Signal, Speech and Image Processing Artificial Intelligence
Lingua di pubblicazione	Inglese
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Nota di contenuto	-- Chapter 1: Introduction to Image Fusion in Medical Image Analysis -- Chapter 2: Conventional Fusion Strategies for Medical Image Processing -- Chapter 3: Image Fusion using Deep Learning Methods -- Chapter 4: Fusion strategies for Deep learning applications -- Chapter 5: Advanced Applications, Future Trends, and Conclusion.
Sommario/riassunto	"Advanced Image Fusion Techniques for Medical Imaging: Trends, Applications, and Future Directions" is a comprehensive exploration of cutting-edge image fusion methodologies in the realm of medical imaging. This timely work addresses the growing need for advanced techniques to integrate and analyze multi-modal medical images, offering healthcare professionals and researchers a valuable resource for improving diagnostic accuracy and patient outcomes. The book

provides a thorough examination of both conventional and deep learning-based fusion strategies, covering a wide spectrum of applications in medical image processing. From noise reduction and image enhancement to segmentation and classification, the authors present a detailed analysis of how image fusion can be leveraged to overcome the limitations of individual imaging modalities. Real-world case studies and practical examples throughout the text demonstrate the tangible benefits of these techniques in clinical settings. Looking beyond current applications, this forward-thinking volume also explores emerging trends and future directions in medical image fusion. By addressing challenges and potential impacts on healthcare practices, the authors offer readers a glimpse into the future of medical imaging. This book serves as an essential guide for researchers in biomedical engineering, medical professionals specializing in radiology and medical imaging, and graduate students in computer science, electrical engineering, biomedical engineering. This diverse audience reflects the book's comprehensive approach to advanced image fusion techniques in medical imaging, covering both theoretical foundations and practical applications.

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2. Record Nr.	UNIORUON00013856
Titolo	Russko-Ital'janskij slovar' / B.N. Majzel', N.A. Skrorcova
Pubbl/distr/stampa	Moskva, : Izd. "Sovetskaja Enciklopedija", 1972
Descrizione fisica	1032 p. ; 26 cm
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Soggetti	Lingua italiana - Dizionari russi Lingua russa - Dizionari
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