

COMPUTER SCIENCE, TECHNOLOGY AND APPLICATIONS

IMAGE FUSION

PRINCIPLES, TECHNOLOGY
AND APPLICATIONS

CHRISTOPHER T. DAVIS
EDITOR

The logo for Nova Publishers features the word "nova" in a bold, lowercase serif font. The letter "o" is replaced by a stylized globe showing continents. To the left of the "nova" text is a decorative graphic of a cluster of small dots, some solid and some hollow, arranged in a roughly circular pattern. Below "nova" is the word "publishers" in a smaller, lowercase serif font. At the bottom of the logo is the text "New York" in an italicized serif font.

nova
publishers
New York

CONTENTS

Preface		vii
Chapter 1	Performance Assessment in Image Fusion <i>Gemma Piella</i>	1
Chapter 2	Saliency Based Framework for Thermal and Visual Image Fusion <i>Ashirbani Saha, Gaurav Bhatnagar and Q. M. Jonathan Wu</i>	17
Chapter 3	Fusion of Multifocus Color Images from Microscopic Samples Using the Modulus of the Gradient of the Color Planes <i>Carina Toxqui-Quitl, Román Hurtado-Pérez, Alfonso Padilla-Vivanco and Gabriel Ortega-Mendoza</i>	45
Chapter 4	Fusion and Classification of Multisource Images for Update of Forest GIS <i>D. Amarsaikhan and N. Ganchuluun</i>	83
Chapter 5	Multimodal Medical Image Fusion Based on SUSAN Feature in Framelet Domain <i>Gaurav Bhatnagar</i>	121
Index		153