

Contents

Preface — V

Dedication — VIII

Till Blesik, Matthias Murawski, Murat Vurucu, and Markus Bick

1 Applying big data analytics to psychometric micro-targeting — 1

Hrshikesh Bhaumik, Siddhartha Bhattacharyya, Surangam Sur, and
Susanta Chakraborty

**2 Keyframe selection for video indexing using an approximate minimal
spanning tree — 31**

Amit Adate and B. K. Tripathy

3 Deep learning techniques for image processing — 69

Abantika Choudhury and Moumita Deb

4 Connecting cities using smart transportation: an overview — 91

S. V. Gorbachev

**5 Model of intellectual analysis of multidimensional semi-structured data based
on deep neuro-fuzzy networks — 107**

Satish Nirala, Deepak Mishra, K. Martin Sagayam, D. Narain Ponraj, X. Ajay Vasanth,
Lawrence Henesey, and Chiung Ching Ho

**6 Image fusion in remote sensing based on sparse sampling method and
PCNN techniques — 149**

Index — 181