# Table of Contents

**Preface**

Section 1  
**Basic Concepts**

**Chapter 1**  
A Formal Representation System for Modelling Assistive Technology Systems  
*John Gilligan, Dublin Institute of Technology, Ireland*  
*Peter Smith, University of Sunderland, UK*

**Chapter 2**  
Functional Assessment of Persons with Motor Limitations: Methods and Tools  
*Kaliopi Lappas, National Rehabilitation Center, Greece*

Section 2  
**Methods and Techniques**

**Chapter 3**  
Ambient Assisted Living for People with Motor Impairments  
*Ilia Adami, Foundation for Research and Technology–Hellas (FORTH), Greece*  
*Margherita Antona, Foundation for Research and Technology–Hellas (FORTH), Greece*  
*Constantine Stephanidis, Foundation for Research and Technology–Hellas (FORTH), Greece*  
& *University of Crete, Greece*

**Chapter 4**  
Augmentative and Alternative Communication Systems for the Motor Disabled  
*Alexandros Pino, National and Kapodistrian University of Athens, Greece*

**Chapter 5**  
Pathway to Independence: Past, Present, and Beyond via Robotics  
*Kavita Krishnaswamy, University of Maryland, USA*  
*Tim Oates, University of Maryland, USA*