# Prefaces

Digital image processing is an important research area. The techniques developed in this area so far require to be summarized in an appropriate way. In this book, the fundamental theories of these techniques will be introduced. Particularly, their applications in the image enhancement are briefly summarized. The entire book consists of three chapters, which will be subsequently introduced.

Chapter 1 reveals the challenges in colour image processing in addition to potential solutions to individual problems. Chapter 2 summarises state of the art techniques for morphological process, and chapter 3 illustrates the established segmentation approach.