

# Homage to Professor Maria Petrou

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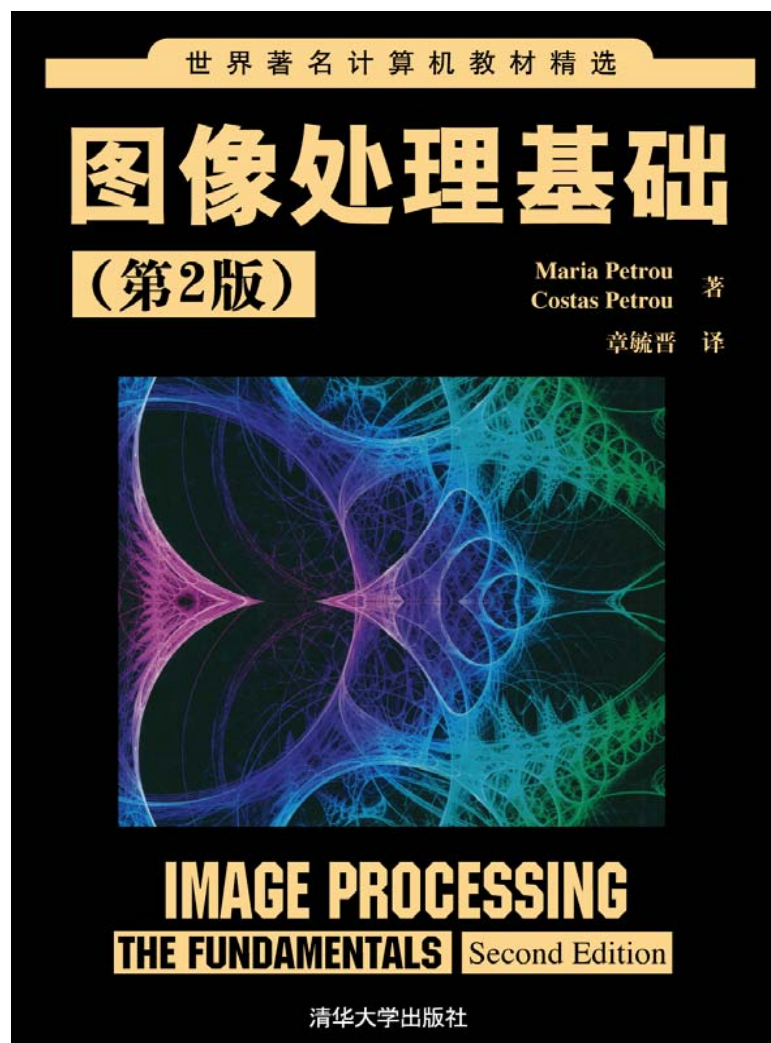


Figure 1 Cover of the Chinese translation of “Image Processing: The Fundamentals (Second Edition)”

## Another means of celebrating Professor Petrou - Translating “Image Processing: The Fundamentals”

Professor Maria Petrou was an outstanding educator and scientist. She published a number of scientific papers in image processing, pattern recognition, remote sensing, etc. In addition, as a professor of image analysis since 1998, she also published several books. Among them, “Image Processing: The Fundamentals (Second Edition)” is a textbook written by Maria Petrou and Costas Petrou (© 2010 John Wiley & Sons Ltd.).

Early in 2012, Tsinghua University Press, under the authorization of John Wiley & Sons Ltd., decided to publish a Chinese translation of some of her books. Knowing her work, especially in edge detection, and having read the first edition of “Image Processing: The Fundamentals”, authored by Maria Petrou and Panagiota Bosdogianni (© 1999 John Wiley & Sons Ltd.), a text that is written in a unique style which makes the reading and studying an enjoyable experience, I have selected this book for translation to Chinese. Prof Petrou’s aim of offering a general survey along with sufficient details for readers on the use of techniques that can be applied successfully to practical image processing problems is convincingly accomplished. This extraordinary book is prepared with readers in mind. It gives a unique modern view of image processing techniques, and even includes cartoon drawings to make the reading more enjoyable. It is a precious legacy of Prof. Petrou’s contribution to the image processing and computer vision community. The Chinese translation is now available. Though Professor Petrou passed away in 2012, thanks to this translation, more people will know and recognise her contribution to this field. In a sense, this translation is another means of celebrating Prof. Petrou. I sincerely hope she can see this edition “from outer space” as will “the little green men!” of her cartoon. (Please see the cartoon inside the original book and its Chinese translation.)

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