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# A Selection of Image Analysis Techniques

From Fundamental to Research Front

**Yu-Jin Zhang**

This book focuses on seven commonly used image analysis techniques, including image segmentation, segmentation evaluation and comparison, saliency object detection, motion analysis, mathematical morphology methods, face recognition and expression classification. From basic principles, practical methods, to new advancement of each selected technique, the book aims to help readers solve image processing related problems in real-life situation. This is an excellent book for readers who do not have a complete foundation in the image technology but need to use image analysis techniques to solve specific tasks in particular applications.

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