

## <<几何偏微分方程和图象分析>>

### 图书基本信息

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### 内容概要

This book is an introduction to the use of geometric partial differential equations (PDEs) in image processing and computer vision. This relatively new research area brings a number of new concepts into the field , providing , among other things , a very fundamental and formal approach to image processing. State-of-the-art practical results in problems such as image segmentation , stereo , image enhancement , distance computations , and object tracking have been obtained with algorithms based on PDEs formulations.

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Guillermo Dapiro is a Professor of Electrical and Computer Engineering at the University of Minnesota, where he works on differential geometry and geometric partial differential equation, both in theory and applications in computer vision, image analysis, and computer graphic.

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### 编辑推荐

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