

<<计算机视觉特征提取与图像处理>>

图书基本信息

书名：<<计算机视觉特征提取与图像处理>>

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内容概要

尼克松和阿瓜多编著的《计算机视觉特征提取与图像处理》是由英国南安普顿大学的MarkNixon教授和Sportradar公司的Alberto S.Aguado在第二版的基础上，于2012年9月推出的最新改版之作。

本次改版，主要的变化是将高级特征提取，分为固定形状匹配与可变形形状分析两部分，并增加了新的一章内容：运动对象检测与描述。

具体地，在简要介绍计算机视觉的基础概念和基本的图像处理运算后，重点讨论了低级和高级的特征提取，包括边缘检测、固定形状匹配和可变形形状分析。

此外，对目标描述，纹理描述、分割及分类，以及运动对象检测等都进行深入的阐述。

它突出了计算机视觉的主要问题——特征提取，以清晰、简洁的语言，阐述了图像处理和计算机视觉的基础理论与技术。

《计算机视觉特征提取与图像处理》可作为高等学校电子工程、计算机科学、计算机工程等专业本科生的双语教材，也可以作为图像、视频信号处理，模式识别和计算机视觉研究方向的博士生、硕士研究生，以及相关专业的科研工作者的参考用书。

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编辑推荐

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