计算机视觉检测中特征点线提取方法研究

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摘 要：特征点、特征线的提取是计算机视觉检测的基础,特别是在工业检测中要求很高的精度。针对这一要求,介绍几种提取特征点、特征线的方法,具有很高的精度。以采用空心正四面体获取的三角形为例,设计一种获得特征点、特征线的图像处理算法,该方法具有速度快、精度较高、实用和算法分析容易等优点。实际结果表明,用此图像处理方法提取特征点、特征线的误差优于0 1mm。

关键词：

Study on image processing method of recovering the feature point and line

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Abstract：Reovering the feature point and feature line is the basic in the computer visual inspection,the high-precision is asked in the measurement of industry.Aim at the request,some methods are presented to get the point and line and the precision is high.Take example for the triangle gained by a hollow tetrahedron,a high-speed and high-efficiency image processing method is designed to gain the feature point and feature line.This method is proved to be accurate and high speed;it is practical and simple for algor

Key words：