

计算机视觉编程技术报告：SIFT 特征提取与匹配

Technical Report on Computer Vision Programming Assignment: SIFT detection and matching

叶翰樵

中国科学院大学-人工智能学院-202218020629017

中国科学院自动化研究所

yehanqiao22@mailsucas.ac.cn

Contents

| | |
|-------------------------|---|
| I Preliminaries | 1 |
| II Keypoint Detection | 1 |
| III SIFT Descriptor | 1 |
| IV Matching Descriptors | 1 |
| V Experiment | 1 |

Preliminaries

PART

I

Keypoint Detection

PART

II

SIFT Descriptor

PART

III

Matching Descriptors

PART

IV

Experiment

PART

V