Image Registration

Advances in Computer Vision and Pattern Recognition
ACVPR

A. Ardeshir Goshtasby
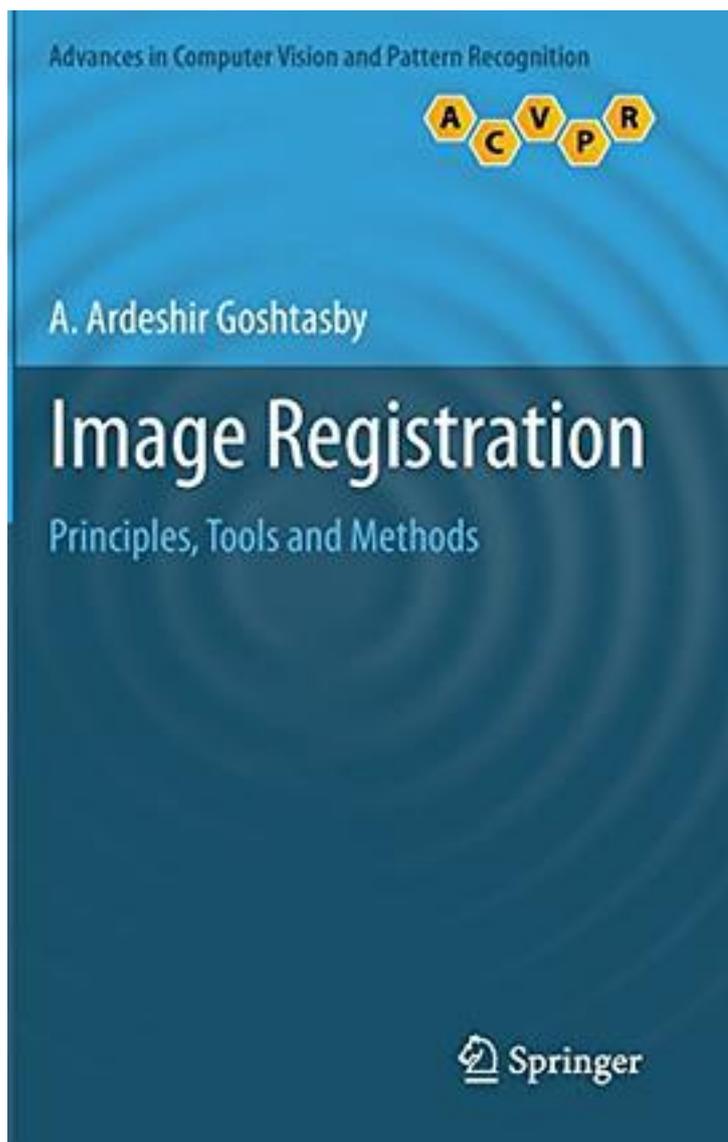
Image Registration
Principles, Tools and Methods

Springer

[Image Registration_下载链接1_](#)

著者:A. Ardeshir Goshtasby

出版者:Springer

出版时间:2012-1-10

装帧:Hardcover

isbn:9781447124573

This book presents a thorough and detailed guide to image registration, outlining the principles and reviewing state-of-the-art tools and methods. The book begins by identifying the components of a general image registration system, and then describes the design of each component using various image analysis tools. The text reviews a vast array of tools and methods, not only describing the principles behind each tool and method, but also measuring and comparing their performances using synthetic and real data. Features: discusses similarity/dissimilarity measures, point detectors, feature extraction/selection and homogeneous/heterogeneous descriptors; examines robust estimators, point pattern matching algorithms, transformation functions, and image resampling and blending; covers principal axes methods, hierarchical methods, optimization-based methods, edge-based methods, model-based methods, and adaptive methods; includes a glossary, an extensive list of references, and an appendix on PCA.

作者介绍:

目录:

[Image Registration_下载链接1_](#)

标签

图像处理

评论

[Image Registration_下载链接1_](#)

书评

[Image Registration_下载链接1](#)