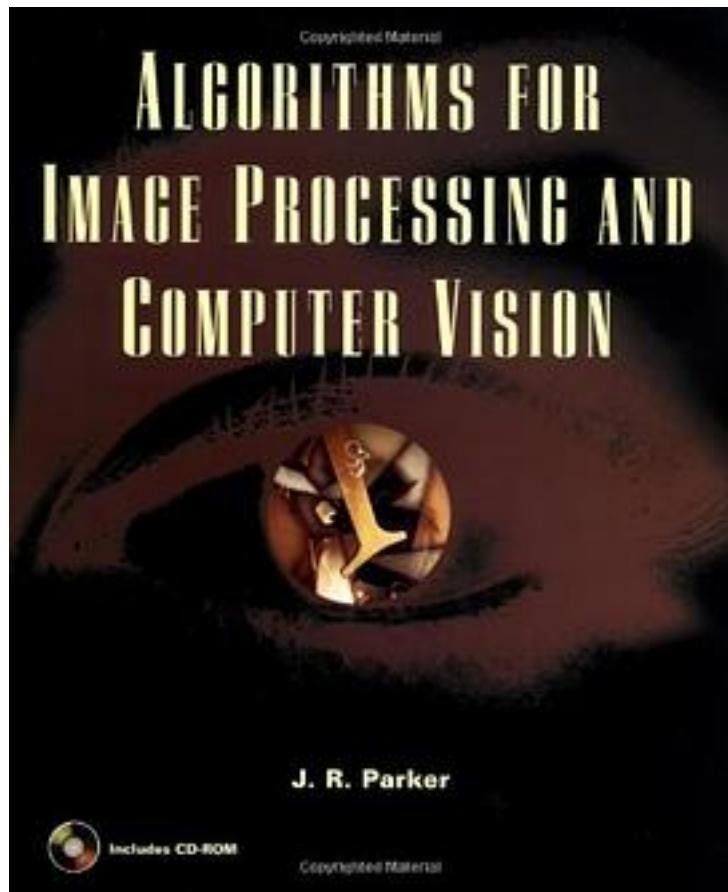


Algorithms for Image Processing and Computer Vision



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A cookbook of algorithms for common image processing applications. Thanks to advances in computer hardware and software, algorithms have been developed that support sophisticated image processing without requiring an extensive background in

mathematics. This bestselling book has been fully updated with the newest of these, including 2D vision methods in content-based searches and the use of graphics cards as image processing computational aids. It's an ideal reference for software engineers and developers, advanced programmers, graphics programmers, scientists, and other specialists who require highly specialized image processing. Algorithms now exist for a wide variety of sophisticated image processing applications required by software engineers and developers, advanced programmers, graphics programmers, scientists, and related specialists. This bestselling book has been completely updated to include the latest algorithms, including 2D vision methods in content-based searches, details on modern classifier methods, and graphics cards used as image processing computational aids. Saves hours of mathematical calculating by using distributed processing and GPU programming, and gives non-mathematicians the shortcuts needed to program relatively sophisticated applications. Algorithms for Image Processing and Computer Vision, 2nd Edition provides the tools to speed development of image processing applications.

作者介绍:

J. R. Parker是一名计算机专家和教师，对图像处理和视觉、视频游戏技术以及计算机仿真有着浓厚的兴趣。在根特州立大学获得信息学博士学位之后，Parker博士在加拿大卡尔加里大学任全职教授，讲授计算机科学、艺术和戏剧。他的作品包括150多篇技术论文和4本书，他还是视频游戏Booze Cruise的作者，这个游戏模拟了酒后驾车的情形，用于演示酒后驾车行为的危险性。此外他还开发了很多其他教育游戏。

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