
Books

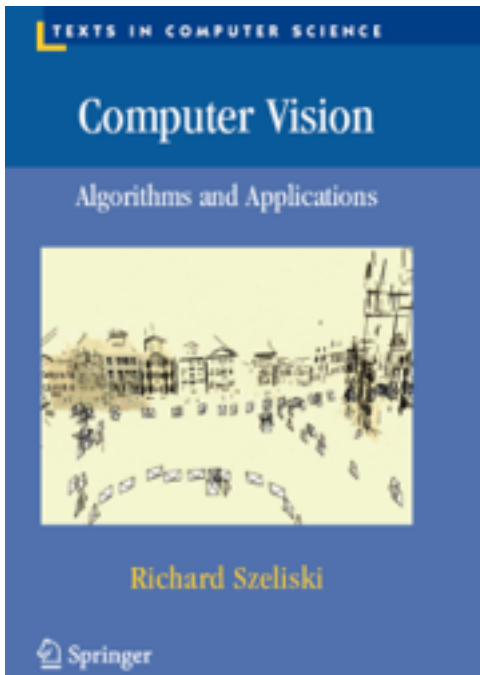
1. Computer Vision: Algorithms and Applications

Author : Richard Szeliski

Summary : This is by far the best book on computer vision I have used. This is a good basic reference book for a wide variety of computer vision topics — image formation, image processing, feature detection and matching, segmentation, image alignment, structure from motion, motion estimation, image stitching, computational photography, stereo correspondence, 3D reconstruction, image based rendering, and recognition.

Free version : <http://szeliski.org/Book/>

Buy at Amazon (Hardcover)



2. Digital Image Processing

Authors : Rafael C. Gonzalez and Richard E. Woods

Summary : This is a good introductory book in image processing. It may be challenging to understand Computer Vision literature without a basic understanding of image processing concepts. The book covers digital image fundamentals, image enhancement (spatial and frequency domains), image restoration, color image processing, wavelets and multi-resolution processing, image compression, morphological operations, segmentation, and a bit of object detection.

Buy at Amazon (Hardcover and Paperback)

