



CVonline: Vision Related Books including Online Books and Book Support Sites

We have tried to list all recent books that we know about that are relevant to computer vision and image processing. The books are listed under:

- [Online](#) - if the full text is online
- [Online Subscription Sites](#) - if the full text is online but you need a subscription fee
- [Book with Support Sites](#) - books that have a web site, but the full text is not online
- [Other Books](#) - if there is no associated online resource that we know about

Online Books

1. M. Aiello; [Spatial Reasoning: Theory and Practice](#). (2002) ILLC Dissertations series 2002-2, pages 224. ISBN 90-5776-079-7.
2. D.H. Ballard, C.M. Brown; [Computer Vision](#), Prentice-Hall Inc New Jersey, 1982, ISBN 0-13-165316-4.
3. B.G. Batchelor, P.F. Whelan; [Intelligent Vision Systems for Industry](#), Springer-Verlag, 1997, ISBN 3-540-19969-1.
4. O. Bimber, R. Raskar. [Spatial Augmented Reality: Merging Real and Virtual Worlds](#), A K Peters LTD, 2005, ISBN: 1-56881-230-2.
5. A. Blake, M. Isard; [Active contours](#), Springer, London, 1998, ISBN 3540762175.
6. A. Blake, A. Zisserman; [Visual reconstruction](#), MIT Press, 1987, ISBN 0262022710.
7. S. Behnke; [Hierarchical neural networks for image interpretation](#), Springer, 2003, ISBN 3540407227.

8. C. H. Chen, L. F. Pau, P. S. P. Wang; [Handbook of pattern recognition and computer vision](#), World Scientific, 1993, ISBN 9810211368.
9. C. H. Chen, L. F. Pau, P. s. P. Wang; [Handbook of pattern recognition and computer vision](#), 2nd Edition, World Scientific, 1999, ISBN 9810230710.
10. C. H. Chen, P. S. P. Wang; [Handbook of pattern recognition and computer vision](#), 3rd edition, World Scientific, 2005, ISBN 981-256-105-6.
11. C. H. Chen; [Handbook of pattern recognition and computer vision](#), 4th edition, World Scientific, 2009, ISBN 978-981-4273-38-1.
12. L. F. Costa, R.M. Cesar-Jr; [Shape Classification and Analysis: Theory and Practice](#) (if you have ENGnetBase access), [Support site](#), 2nd Edition, CRC Press, 2009, ISBN 978-0849379291.
13. G. Cristóbal, L. Perrinet, M. S. Keil; [Biologically Inspired Computer Vision](#), Wiley, ISBN:9783527412648, 2015.
14. S. Dance, Z. Q. Liu, T. M. Caelli; Picture Interpretation: A Symbolic Approach, World Scientific, 1995, ISBN 981-02-2402-8. [Part 1](#), [Part 2](#)
15. K. Delac, M. Grgic, M. S. Bartlett; [Recent Advances in Face Recognition](#), IN-TECH, December 2008, ISBN 978-953-7619-34-3.
16. S. Edelman; (If you have CogNet access): [Representation and Recognition in Vision](#), MIT Press, 1999, ISBN 0-262-05057-9.
17. M. A. Fischler, O. Firschein; [Intelligence: The Eye, the Brain and the Computer](#), Addison-Wesley, 1987, ISBN: 0201120011
18. R. B. Fisher; [From Surfaces to Objects: Computer Vision and Three Dimensional Scene Analysis](#), John Wiley and Sons Ltd, 1989, ISBN 0471923443.
19. R. B. Fisher, S. Perkins, A. Walker, E. Wolfart; [Hypermedia Image Processing Reference](#), John Wiley and Sons, 1996.
20. L. van Hemmen, J. Cowan, E. Domany (Eds); [Models of Neural Networks IV: Early Vision and Attention](#), Springer, ISBN 0-387-95105-9, 2001.
21. D. H. Hubel; [Eye, Brain and Vision](#), Scientific American Library, 1988, ISBN 0-7167-5020-1.

22. A. K. Jain, R. C. Dubes; [Algorithms for Clustering Data](#), Prentice-Hall, 1988, ISBN 0-13-022278-X.
23. R. Jain, R. Kasturi, B.G. Schunck; [Machine Vision](#), McGraw-Hill, 1995, ISBN 0-07-113407-7, Reprint 4 or Higher.
24. P. K.Kaiser; [The Joy of Visual Perception](#) , Online book, 1996.
25. A. Kak, M. Slaney. [Principles of Computerized Tomographic Imaging](#), Society of Industrial and Applied Mathematics, 2001.
26. R. Lenz; [Group Theoretic Methods in Image Processing](#). Springer-Verlag, LNCS 413, 1990, ISBN: 3-540-52290-5.
27. Y. Liu, H. Hel-Or, C. S. Kaplan, L. Van Gool; [Computational Symmetry in Computer Vision and Computer Graphics](#), Foundations and Trends in Computer Graphics and Vision, Vol. 5(1-2), 2009.
28. L. O'Gorman, R. Kasturi; [Document Image Analysis](#), IEEE Computer Society Press, 1997, ISBN 0-8186-7802-X, Library of Congress Number 97-17283.
29. D. Mackay; [Information Theory, Inference, and Learning Algorithms](#), Cambridge University Press, 2003. ISBN 0521642981
30. H. A. Mallot, J.S. Allen; (If you have CogNet access): [Computational Vision: Information Processing in Perception and Visual Behavior](#), MIT Press, 2000, ISBN 0-262-13381-4.
31. J. E. W. Mayhew, J. P. Frisby; [3D Model Recognition From Stereoscopic Cues](#), MIT Press, 1991, ISBN 0-262-13243-5.
32. R. Nevatia; [Machine Perception](#), Prentice-Hall, 1982, ISBN 0-13-541904-2.
33. I. Overington; [Computer Vision, A Unified, Biologically-Inspired Approach](#), North Holland, 1992, ISBN 0-444-88972-8.
34. I. Overington; [Vision and Acquisition](#), Pentech Press, London, 1976.
35. X. Papademetris; [Introduction to Programming for Image Analysis with VTK](#), course notes, 2006.
36. P. Pietrzkiwicz; [Image Analysis Techniques for Industrial Inspection Systems](#), Adaptive Vision, Online book, 2012.

37. D. Phillips; [Image Processing in C: Analyzing and Enhancing Digital Images](#), RandD Publications, 1994.
38. W. H. Press, B. P. Flannery, S. A. Teukolsky, W. T. Vetterling; [Numerical Recipes in C](#), Cambridge University Press, 1993, ISBN 0521431085.
39. S. J. D. Prince; [Computer vision: models, learning and inference](#), Cambridge University Press, 2012, ISBN ***.
40. C. E. Rasmussen, C. K. I. Williams; [Gaussian Processes for Machine Learning](#), MIT Press, 2006, ISBN-13: 978-0-262-18253-9.
41. C. C. Reyes-Aldasoro; [Biomedical Image Analysis Recipes in MATLAB: For Life Scientists and Engineers](#), Wiley, ISBN: 978-1-118-65755-3, 2015.
42. S.W. Smith; [The Scientist and Engineer's Guide to Digital Signal Processing](#), California Technical Publishing, 1997, ISBN 0966017633.
43. J. L. Starck, F. Murtagh; [Astronomical Image and Data Analysis](#), Springer, 1st edn., 2002, ISBN 3-540-42885-2.
44. J. L. Starck, F. Murtagh, A. Bijaoui; [Image Processing and Data Analysis: The Multiscale Approach](#), Cambridge University Press, 1998. ISBN-13: 9780521599146 | ISBN-10: 0521599148.
45. K. Sugihara; [Machine Interpretation of Line Drawings](#), MIT Press, 1986, ISBN 0-262-19254-3.
46. R. Szeliski; [Computer Vision: Algorithms and Applications](#), Springer, 2010.
47. D. Vernon; [Machine Vision : Automated Visual Inspection and Robot Vision](#), Prentice Hall, 1991, ISBN 0-13-543398-3.
48. T. Watanabe; (If you have CogNet access): [High-Level Motion Processing](#), MIT Press, 1998, ISBN 0-262-23195-6.
49. J. Weickert; [Anisotropic Diffusion in Image Processing](#), Teubner, Stuttgart, 1998, ISBN 978-3519026068.
50. E.W. Weisstein; [Mathworld](#), Online book.
51. I.T. Young, J.J. Gerbrands, L.J. van Vliet; [Image Processing Fundamentals](#), Online book.

Online Subscription Books

1. M. Abreu de Souza, H. Remigio Gamba, H. Pedrini (Eds.); [Multi-Modality Imaging](#), Springer, 2018, ISBN 978-3-319-98973-0.
2. T. Acharya; [Image processing: principles and application](#) (subscription site), John Wiley and Sons, 2005, print ISBN: 0471719986, online ISBN: 0471745790.
3. E. de Aguiar; [Animation and Performance Capture Using Digitized Models](#). Springer, 2010, ISBN: 978-3-642-10315-5.
4. S. Aja-Fernandez, G. Vegas-Sanchez-Ferrero; [Statistical Analysis of Noise in MRI](#), Springer, 2016, ISBN 978-3319399331.
5. M. A. R. Ahad; [Computer Vision and Action Recognition](#), Springer, 2011, ISBN 978-94-91216-19-0.
6. M. Aiello, I. E. Pratt-Hartmann, J. F. A. K. van Benthem (Eds.), [Handbook of Spatial Logics](#), Springer, 2007, ISBN: 978-1-4020-5586-7.
7. S. Aja-Fernandez, R. de Luis Garcia, D. Tao, X. Li (Eds); [Tensors in Image Processing and Computer Vision](#), Springer, 2009, ISBN 978-84882-298-6.
8. C. Aldrich, L. Auret; [Unsupervised Process Monitoring and Fault Diagnosis with Machine Learning Methods](#), Springer, 2014, ISBN 978-1-4471-5184-5.
9. S. Ali, K. Nishino, D. Manocha, M. Shah (Eds.); [Modeling, Simulation and Visual Analysis of Crowds](#), Springer, 2013, ISBN 978-1-4614-8482-0.
10. A. Amato, V. Di Lecce, V. Piuri; [Semantic Analysis and Understanding of Human Behavior in Video Streaming](#), Springer, 2013, ISBN 978-1-4614-5486-1.
11. I. Amidror; [The Theory of the Moire Phenomenon, 2nd Ed](#), Springer, 2009, ISBN 978-1-84882-180-4.
12. M. Aranda, G. Lopez-Nicolas, C. Sagues; [Control of Multiple Robots Using Vision Sensors](#), Springer, ISBN 978-3-319-57827-9, 2017.
13. V. K. Asari (Ed.); [Wide Area Surveillance](#), Springer, 2014, ISBN 978-3-642-37840-9.

14. J. Ashbourn; [Guide to Biometrics for Large-Scale Systems](#), Springer, 2011, ISBN 978-0-85729-466-1.
15. J. Ashbourn; [Biometrics in the New World](#), Springer, 2014, ISBN 978-3-319-04158-2.
16. J. Ashbourn; [Practical Biometrics](#), Springer, 2004, ISBN 978-1-4471-1056-9.
17. J. Ashbourn; [Practical Biometrics](#), Springer, 2015, ISBN 978-1-4471-6716-7.
18. G. Aubert, P. Kornprobst; [Mathematical problems in image processing: Partial Differential Equations and the Calculus of Variations, support](#), Springer, Applied Mathematical Sciences, Vol 147, 2006 (2nd ed).
19. A. Z. Averbuch, P. Neittaanmaki, V. A. Zheludev; [Spline and Spline Wavelet Methods with Applications to Signal and Image Processing](#), Springer, 2014, ISBN 978-94-017-8925-7.
20. A. I. Awad, M. Hassaballah (Eds.); [Image Feature Detectors and Descriptors](#), Springer, 2016, ISBN 978-3-319-28852-9.
21. P. Azad; [Visual Perception for Manipulation and Imitation in Humanoid Robots](#), Springer, 2009, ISBN: 978-3-642-04228-7.
22. H. Bai, A. Wang, Y. Zhao, J.-S. Pan, A. Abraham; [Distributed Multiple Description Coding](#), Springer, 2011, ISBN 978-1-4471-2247-0.
23. P. Bajcsy, J. Chalfoun, MM. Simon; [Web Microanalysis of Big Image Data](#), Springer, ISBN 978-3-319-63359-6, 2018.
24. K. Barnard; [Computational Methods for Integrating Vision and Language](#), Morgan & Claypool, 2016, ISBN: 9781608451128.
25. B. G. Batchelor (Ed.); [Machine Vision Handbook](#), Springer, 2012, ISBN 978-1-84996-168-4.
26. D. Batra, A. Kowdle, D. Parikh, J. Luo, T. Chen; [Interactive Co-segmentation of Objects in Image Collections](#), Springer, 2011, ISBN 978-1-4614-1914-3.
27. S. Battiato, A. R. Bruna, G. Messina, G. Puglisi, eds.; [Image Processing for Embedded Devices](#), Volume 1: Applied Digital Imaging, Bentham eBooks, 2010, ISSN: 1879-7458.

28. E. Bayro Corrochano; [Geometric Algebra Applications, Vol 1](#), Springer, 2019, ISBN 978-3-319-74828-3.
29. E. Bayro Corrochano; [Handbook of Geometric Computing with Applications in Pattern Recognition, Computer Vision, Neurocomputing and Robotics](#), Springer Verlag, 2005, ISBN 3-540-20595-0.
30. E. Bayro Corrochano, G. Scheuermann (Eds); [Geometric Algebra Computing](#), Springer, 2010, ISBN 978-1-84996-107-3.
31. G. Bebis; [Advances in Visual Computing](#), Springer LNCS 4291/4292, 2005, ISBN: 3-540-30750-8.
32. G. Bellettini, V. Beorchia, M. Paolini, F. Pasquarelli; [Shape Reconstruction from Apparent Contours](#), Springer, 2015, ISBN 978-3-662-45190-8.
33. F. Bellocchio, N. A. Borghese, S. Ferrari, V. Piuri; [3D Surface Reconstruction](#), Springer, 2013, ISBN 978-1-4614-5632-2.
34. J. Benois-Pineau, P. Le Callet (Eds); [Visual Content Indexing and Retrieval with Psycho-Visual Models](#), Springer, 2017, ISBN: 978-3-319-57686-2.
35. M. Bertalmío (Ed.); [Denoising of Photographic Images and Video](#), Springer, 2018. ISBN 978-3-319-96028-9.
36. M. Bestehorn; [Querying Moving Objects Detected by Sensor Networks](#), Springer, 2013, ISBN: 978-1-4614-4926-3.
37. J. Beyerer, F. Leon Puente, C. Frese; [Machine Vision](#), Springer, ISBN 978-3-662-47794-6, 2015.
38. J. Beyerer, F. Puente Leon, C. Frese; [Automatische Sichtpruefung](#), Springer, 2016, ISBN 978-3-662-47785-4.
39. J. Bezdek; [Fuzzy Models and Algorithms for Pattern Recognition and Image Processing](#), Springer, 2005, ISBN:0-387-24515-4.
40. B. Bhanu, I. Pavlidis; [Computer Vision Beyond the Visible Spectrum](#), Springer Verlag, 2004, ISBN 1-85233-604-8.
41. B. Bhanu, J. Han; [Human Recognition at a Distance in Video](#), 2010, ISBN: 978-0-85729-123-3.
42. B. Bhanu, C. V. Ravishankar, A. K. Roy-Chowdhury, H. Aghajan, D.

- Terzopoulos (Eds.); [Distributed Video Sensor Networks](#), Springer, 2011, ISBN: 978-0-85729-126-4.
43. B. Bhanu, P. Talbot (Eds.); [Video Bioinformatics](#), Springer, 2015, ISBN 978-3-319-23723-7.
44. B. Bhanu, A. Kumar (Eds.); [Deep Learning for Biometrics](#), Springer, ISBN 978-3-319-61656-8, 2017.
45. J. Bigun; [Vision with Direction](#), Springer, 2006.
46. S. Biswas; B. C. Lovell; [Bezier and Splines in Image Processing and Machine Vision](#), Springer, 2008, ISBN 978-1-84628-956-9.
47. R. M. Bodade, S. Talbar; [Iris Analysis for Biometric Recognition Systems](#), Springer, 2014, ISBN 978-81-322-1852-4.
48. R. Boehme; [Advanced Statistical Steganalysis](#), Springer, 2010, ISBN: 978-3-642-14312-0.
49. A. Bouridane; [Imaging for Forensics and Security](#), Springer, 2009, ISBN 978-0-387-09531-8.
50. T. Bourlai (Ed.); [Face Recognition Across the Imaging Spectrum](#), Springer, 2016, ISBN 978-3-319-28499-6.
51. K. W. Bowyer, M. J. Burge (Eds.); [Handbook of Iris Recognition](#), Springer, 2016, ISBN: 978-1-4471-6782-2.
52. T. Braunl, S. Feyrer, W. Rapf, M. Reinhardt; [Parallel Image Processing](#), Springer, 2001, ISBN 978-3-540-67400-9.
53. M. Breuss, A. Bruckstein, P. Maragos, S. Wuhrer (Eds.); [Perspectives in Shape Analysis](#), Springer, 2016, ISBN 978-3-319-24724-3.
54. A. Briassouli, J. Benois-Pineau, A. Hauptmann (Eds); [Health Monitoring and Personalized Feedback using Multimedia Data](#), Springer, 2015, ISBN 978-3-319-17962-9.
55. V. E. Brimkov, R. P. Barneva (Eds.); [Digital Geometry Algorithms](#), Springer, 2012, ISBN 978-94-007-4173-7.
56. A. M. Bronstein, M. M. Bronstein, R. Kimmel; [Numerical Geometry of Non-Rigid Shapes](#), Springer, 2009, ISBN: 978-0-387-73300-5.

57. P. Brox, I. B. Castillo, S. S. Solano; [Fuzzy Logic-Based Algorithms for Video De-Interlacing](#), Springer, 2010, ISBN 978-3-642-10694-1.
58. D. Buchholz; [Bin-Picking](#), Springer, 2016, ISBN 978-3-319-26498-1.
59. A. A. T. Bui, R. K. Taira (Eds.); [Medical Imaging Informatics](#), Springer, 2010, ISBN 978-1-4419-0384-6.
60. H. Bunke, U.-V. Marti; [Hidden Markov models: Applications in Computer Vision](#) (subscription site), World Scientific, 2001, ISBN: 981-02-4564-5.
61. M. J. Burge, K. Bowyer (Eds.); [Handbook of Iris Recognition](#), Springer, 2013, ISBN 978-1-4471-4402-1.
62. W. Burger, M. Burge; [Digitale Bildverarbeitung: Eine Einfürung mit Java und ImageJ \(Support Website\)](#), Springer-Verlag, Berlin Heidelberg, 2005, ISBN 3-540-21465-8. English version: Digital Image Processing - An Algorithmic Introduction Using Java, Springer, 2008, ISBN: 978-1-84628-379-6.
63. W. Burger, M. J. Burge; [Digital Image Processing: An Algorithmic Introduction Using Java](#), Springer, 2008, ISBN 978-1-84628-379-6.
64. W. Burger, M. J. Burge; Digital Image Processing: An Algorithmic Introduction Using Java, Edition 2, Springer, 2016, ISBN 978-1-4471-6683-2.
65. W. Burger, M. J. Burge; [Principles of Digital Image Processing: Core Algorithms](#), Springer, 2009, ISBN 978-1-84800-194-7.
66. W. Burger, M. J. Burge; [Principles of Digital Image Processing: Fundamental Techniques](#), Springer, 2009, ISBN 978-1-84800-190-9.
67. W. Burger, M. J. Burge; [Principles of Digital Image Processing: Advanced Methods](#), Springer, 2013, ISBN 978-1-84882-918-3.
68. W. Burger, M. J. Burge; [Digital Image Processing: An Algorithmic Introduction Using Java](#), Springer, 2016, ISBN 978-1-4471-6683-2.
69. F. Camastra, A. Vinciarelli. [Machine Learning for Audio, Image and Video Analysis](#), Springer, 2008, ISBN 978-1-84800-006-3.
70. F. Camastra, A. Vinciarelli. [Machine Learning for Audio, Image and Video](#)

- [Analysis](#), Springer, 2015, ISBN 978-1-4471-6734-1.
71. F. Cao, J.-L. Lisani, J.-M. Morel, P. Musé, F. Sur; [A Theory of Shape Identification](#), Springer Lecture Notes in Mathematics, Vol. 1948, 2008, ISBN: 978-3-540-68480-0.
 72. L. Caponetti, G. Castellano; [Fuzzy Logic for Image Processing](#), Springer, 2016, ISBN: 978-3-319-44128-3.
 73. P. G. Casazza, G. Kutyniok (Eds.); [Finite Frames](#), Springer, 2013, ISBN 978-0-8176-8373-3.
 74. J. Cat; [Fuzzy Pictures as Philosophical Problem and Scientific Practice](#), Springer, 2017, ISBN 978-3-319-47189-1.
 75. M. E. Celebi, G. Schaefer (eds.); [Color Medical Image Analysis](#), Lecture Notes in Computational Vision and Biomechanics 6, ISBN 978-94-007-5389-1, Springer, 2013.
 76. M. E. Celebi, B. Smolka (Eds.); [Advances in Low-Level Color Image Processing](#), Springer, 2014, ISBN 978-94-007-7583-1.
 77. M. E. Celebi, M. Lecca, B. Smolka, (Eds.); [Color Image and Video Enhancement](#), Springer, 2015, ISBN 978-3-319-09362-8.
 78. M. E. Celebi, T. Mendonca, J. S. Marques; [Dermoscopy Image Analysis](#), CRC Press, 2015, ISBN 9781482253269.
 79. N. Chaki, S. H. Shaikh, K. Saeed; [Exploring Image Binarization Techniques](#), Springer, 2014, ISBN 978-81-322-1906-4.
 80. C.-I. Chang; [Real-Time Progressive Hyperspectral Image Processing](#), ISBN 978-1-4419-6187-7, Springer, 2016.
 81. C.-I. Chang; [Real-Time Recursive Hyperspectral Sample and Band Processing](#), Springer, 2017, ISBN 978-3-319-45170-1.
 82. N.-B. Chang, K. Bai; [Multisensor Data Fusion and Machine Learning for Environmental Remote Sensing](#), CRC Press, 2018, ISBN 9781498774338.
 83. A. Chatterjee, P. Siarry (Eds.); [Computational Intelligence in Image Processing](#). Springer, 2013, ISBN 978-3-642-30620-4.
 84. B. B. Chaudhuri (Ed.); [Digital Document Processing: Major Directions and](#)

- [Recent Advances](#), Springer, 2007, ISBN: 978-1-84628-501-1.
85. S. Chaudhuri, J. Manjunath; [Motion-Free Super-Resolution](#); Springer, 2005. ISBN: 0-387-25890-6.
86. B. B. Chaudhuri, S. K. Parui (Eds); [Advances in Digital Document Processing and Retrieval](#), World Scientific, 2013, ISBN: 978-981-4368-70-4.
87. C. Chen, Y. Ren, C.-C. J. Kuo; [Big Visual Data Analysis](#), Springer, 2016, ISBN 978-981-10-0629-6.
88. C. H. Chen (Ed); [Emerging Topics in Computer Vision and its Applications](#), World Scientific, 2011, ISBN: 978-981-4340-99-1.
89. L. Chen; [Digital and Discrete Geometry](#), Springer, 2015. ISBN: 978-3-319-12098-0.
90. H. Cheng; [Autonomous Intelligent Vehicles](#), Springer, 2011, ISBN 978-1-4471-2279-1.
91. H. Cheng; [Sparse Representation, Modeling and Learning in Visual Recognition](#), Springer, 2015, ISBN 978-1-4471-6713-6.
92. S. Chaudhuri, R. Velmurugan, R. Rameshan; [Blind Image Deconvolution](#), Springer, 2014, ISBN 978-3-319-10485-0.
93. A. S. Chowdhury, S. M. Bhandarkar; [Computer Vision-Guided Virtual Craniofacial Surgery](#), Springer, 2011, ISBN 978-0-85729-295-7.
94. R. Cierniak; [X-Ray Computed Tomography in Biomedical Engineering](#), Springer, 2011, ISBN: 978-0-85729-026-7.
95. R. Cipolla, S. Battiato, G. Farinella (Eds.); [Machine Learning for Computer Vision](#). Springer, 2013, ISBN 978-3-642-28660-5.
96. R. Cipolla, S. Battiato, G. Farinella (Eds.); [Registration and Recognition in Images and Videos](#), Springer, 2014, ISBN 978-3-642-44906-2.
97. R. Cipolla, S. Battiato, G. M. Farinella (Eds.); [Computer Vision - Detection, Recognition and Reconstruction](#), Springer, 2010, ISBN: 978-3-642-12847-9.
98. M. Clawson; [iPhoneography: How to Create Inspiring Photos with Your Smartphone](#), Springer, 2015, ISBN 978-1-4842-1756-6.

99. A. Colic, O. Marques, B. Furht; [Driver Drowsiness Detection](#), Springer, 2014, ISBN 978-3-319-11534-4.
100. P. Corke; [Robotics, Vision and Control](#), Springer, ISBN 978-3-319-54412-0, 2017.
101. G. Correa, P. Assuncao, L. Agostini, L.A.d.S. Cruz; [Complexity-Aware High Efficiency Video Coding](#), Springer, 2016, ISBN 978-3-319-25776-1.
102. G. Csurka (Ed.); [Domain Adaptation in Computer Vision Applications](#), Springer, ISBN 978-3-319-58346-4, 2017.
103. V. Cutsuridis, A. Hussain, J. G. Taylor; [Perception-Action Cycle: Models, Algorithms and Hardware](#), Springer, 2011, ISBN: 978-1-4419-1451-4.
104. C. Dal Mutto, P. Zanuttigh, G. M. Cortelazzo; [Time-of-Flight Cameras and Microsoft Kinect](#), Springer, 2012, ISBN 978-1-4614-3806-9.
105. J. Damon, P. Giblin, G. Haslinger; [Local Features in Natural Images via Singularity Theory](#), Springer, 2016, ISBN 978-3-319-41470-6.
106. K. Daniilidis, R. Klette (Eds). [Imaging Beyond the Pinhole Camera](#). Springer, 2006. ISBN 978-1-4020-4893-7.
107. A. Das; [Guide to Signals and Patterns in Image Processing](#), Springer, 2015, ISBN 978-3-319-14171-8.
108. R. Davies, C. Twining, C. Taylor; [Statistical Models of Shape](#), Springer, 2008, ISBN: 978-1-84800-137-4.
109. C. Demant, B. Streicher-Abel, C. Garnica; [Industrial Image Processing](#), 2nd edition, Springer, 2013, ISBN 978-3-642-33905-9
110. C. Deng, L. Ma, W. Lin, K. N. Ngan (Eds.); [Visual Signal Quality Assessment](#), Springer, 2015, ISBN 978-3-319-10367-9.
111. Y. Deng; [High-Dimensional and Low-Quality Visual Information Processing](#), Springer, 2014, ISBN 978-3-662-44525-9.
112. Z. Deng, U. Neumann (Eds); [Data-Driven 3D Facial Animation](#), Springer, 2008, ISBN: 978-1-84628-907-1.
113. T. M. Deserno (Ed.); [Biomedical Image Processing](#), Springer, 2011, ISBN 978-3-642-15815-5.

114. E. D. Dickmanns; [Dynamic Vision for Perception and Control of Motion](#), Springer, 2007, ISBN: 978-1-84628-637-7.
115. S. J. Dickinson, Z. Pizlo (Eds.); [Shape Perception in Human and Computer Vision](#), Springer, 2013, ISBN 978-1-4471-5195-1.
116. D. Doermann, K. Tombre (Eds.); [Handbook of Document Image Processing and Recognition](#), Springer, 2014, ISBN 978-0-85729-858-4.
117. P. Dong, Q. Chen; [LiDAR Remote Sensing and Applications](#), CRC Press, 2018, ISBN 9781482243017.
118. A. Duchowski; [Eye Tracking Methodology: Theory and Practice](#), Springer, 2nd. Ed., 2007, ISBN 978-1-84628-608-7.
119. K. Ehlers; [Echtzeitfähige 3D Posenbestimmung des Menschen in der Robotik](#), Springer, 2019, ISBN 978-3-658-24822-2.
120. A. S. El-Baz, R. Acharya U, M. Mirmehdi, J. S. Suri (Eds); [Multi Modality State-of-the-Art Medical Image Segmentation and Registration Methodologies](#), 2011, ISBN 978-1-4419-8203-2.
121. T. Elarabi, A. Abdelgawad, M. Bayoumi; [Real-Time Heterogeneous Video Transcoding for Low-Power Applications](#), Springer, 2014, ISBN 978-3-319-06070-5.
122. S. Escalera, X. Baro, O. Pujol, J. Vitria, P. Radeva; [Traffic-Sign Recognition Systems](#), Springer, 2011, ISBN 978-1-4471-2244-9.
123. F. Escolano, P. Suau, B. Bonev; [Information Theory in Computer Vision and Pattern Recognition](#), Springer, 2009, ISBN: 978-1-84882-296-2.
124. B. Fan, Z. Wang, F. Wu; [Local Image Descriptor: Modern Approaches](#), Springer, 2015, ISBN 978-3-662-49171-3.
125. G. M. Farinella, S. Battiato, R. Cipolla, Roberto (Eds.); [Advanced Topics in Computer Vision](#), Springer, 2013, ISBN 978-1-4471-5520-1.
126. P. Favaro, S. Soatto. [3-D Shape Estimation and Image Restoration](#). Springer, 2007, ISBN 978-1-84628-176-1.
127. M. N. Favorskaya, L. C. Jain (Eds.); [Computer Vision in Control Systems](#), Springer, 2015, ISBN 978-3-319-10652-6.

128. T. G. Feeman; [The Mathematics of Medical Imaging](#), Springer, ISBN 978-3-319-22664-4, 2015.
129. C. Fernandez-Maloigne (Ed.); [Advanced Color Image Processing and Analysis](#). Springer, 2013, ISBN 978-1-4419-6189-1.
130. S. Ferilli; [Automatic Digital Document Processing and Management Problems, Algorithms and Techniques](#), Springer, 2011, ISBN: 978-0-85729-197-4.
131. G. A. Fink. [Markov Models for Pattern Recognition](#), Springer 2008, ISBN: 978-3-540-71766-9.
132. G. A. Fink; [Markov Models for Pattern Recognition](#), Springer, 2014, 2nd ed, ISBN 978-1-4471-6307-7.
133. R. B. Fisher, Y.-H. Chen-Burger, D. Giordano, L. Hardman, F.-P. Lin (Eds.); [Fish4Knowledge: Collecting and Analyzing Massive Coral Reef Fish Video Data](#), Springer, 2016, ISBN 978-3-319-30206-5.
134. L. Florack, R. Duits, G. Jongbloed, M.-C. van Lieshout, L. Davies (Eds.); [Mathematical Methods for Signal and Image Analysis and Representation](#), Springer, 2012, ISBN 978-1-4471-2352-1.
135. W. Förstner, B. P. Wrobel; [Photogrammetric Computer Vision](#), Springer, 2016, ISBN 978-3-319-11549-8. For generating the book's figures and tables, there is [Matlab code](#) and [documentation](#).
136. A. Fossati, J. Gall, H. Grabner, X. Ren, K. Konolige (Eds.); [Consumer Depth Cameras for Computer Vision](#), Springer, 2013, ISBN 978-1-4471-4640-7.
137. S. Foster, D. Halbshten; [Integrating 3D Modeling, Photogrammetry and Design](#), Springer, 2014, ISBN 978-1-4471-6328-2.
138. T. Fournel, B. Javidi (Eds.); [Information Optics and Photonics](#), 2010, ISBN: 978-1-4419-7379-5.
139. R. A. Fournier, R. J. Hall (Eds.); [Hemispherical Photography in Forest Science](#), Springer, ISBN 978-94-024-1096-9, 2017.
140. S. Frintrop; [VOCUS: A Visual Attention System for Object Detection and Goal-directed Search](#), [Support site](#), Springer, 2005, ISBN: 3-540-32759-2.

141. Y. Fu (Ed.); [Low-Rank and Sparse Modeling for Visual Analysis](#), Springer, 2014, ISBN 978-3-319-11999-1.
142. Y. Fu (Ed.); [Human Activity Recognition and Prediction](#), Springer, 2016, ISBN 978-3-319-27002-9.
143. B. Furht (Ed.); [Handbook of Augmented Reality](#), Springer, 2011, ISBN 978-1-4614-0063-9.
144. B. Furht, A. Agarwal (Eds.); [Handbook of Medical and Healthcare Technologies](#), Springer, 2013, ISBN 978-1-4614-8494-3.
145. A. Gagalowicz; [Computer Analysis of Images and Patterns](#), Springer-Verlag, 2005, ISBN: 978-3-540-28969-2.
146. W. Gao, S. Ma; [Advanced Video Coding Systems](#), Springer, 2014, ISBN 978-3-319-14242-5.
147. A. Genovese, V. Piuri, F. Scotti; [Touchless Palmprint Recognition Systems](#), Springer, 2014, ISBN 978-3-319-10364-8.
148. D. Geronimo, A. M. Lopez; [Vision-based Pedestrian Protection Systems for Intelligent Vehicles](#), Springer, 2014, ISBN 978-1-4614-7987-1.
149. D. C. Gibbon, Z. Liu; [Introduction to Video Search Engines](#), Springer, 2008, ISBN: 978-3-540-79336-6.
150. J. Gibson, O. Marques; [Optical Flow and Trajectory Estimation Methods](#), Springer, 2016, ISBN: 978-3-319-44940-1.
151. F. Gigengack, X. Jiang, M. Dawood, M., K. P. Schafers; [Motion Correction in Thoracic Positron Emission Tomography](#), Springer, 2015, ISBN 978-3-319-08391-9.
152. G. Gilboa; [Nonlinear Eigenproblems in Image Processing and Computer Vision](#), Springer, 2018, ISBN 978-3-319-75846-6.
153. S. Gong, M. Cristani, S. Yan, C. C. Loy (Eds.); [Person Re-Identification](#), Springer, 2014, ISBN 978-1-4471-6295-7.
154. S. G. Gong, T. Xiang; [Visual Analysis of Behaviour: From Pixels to Semantics](#), Springer, 2011, ISBN 978-0-85729-669-6.
155. A. A. Goshtasby; [Image Registration: Principles, Tools and Methods](#),

Springer, 2012, ISBN 978-1-4471-2457-3.

156. V. Govindaraju, S. Setlur (Eds.); [Guide to OCR for Indic Scripts](#), Springer, 2009, ISBN: 978-1-84800-329-3.
157. M. Grzegorzec, C. Theobalt, R. Koch, A. Kolb (Eds.); [Time-of-Flight and Depth Imaging. Sensors, Algorithms and Applications](#), Springer, 2013, ISBN 978-3-642-44963-5.
158. J. A. Gutierrez, B. S. R. Armstrong; [Precision Landmark Location for Machine Vision and Photogrammetry](#), Springer, 2008, ISBN 978-1-84628-912-5.
159. M. Haindl, J. Filip; [Visual Texture](#), Springer, 2013, ISBN 978-1-4471-4902-6.
160. R. Hammoud, G. Fan, R. W. McMillan, K. Ikeuchi (Eds); [Machine Vision Beyond Visible Spectrum](#), 2011, ISBN 978-3-642-11567-7.
161. R. I. Hammoud (Ed.); [Augmented Vision Perception in Infrared](#), 2009, ISBN: 978-1-84800-276-0.
162. R. I. Hammoud (Ed.); [Passive Eye Monitoring, Algorithms, Applications and Experiments](#), Springer, 2008, ISBN 978-3-540-75411-4.
163. R. I. Hammoud, B. R. Abidi, M. A. Abidi (Eds.); [Face Biometrics for Personal Identification](#), Springer, 2007, ISBN 978-3-540-49344-0.
164. A. Hanbury, H. Mueller, G. Langs, (Eds.); [Cloud-Based Benchmarking of Medical Image Analysis](#), Springer, ISBN 978-3-319-49642-9, 2017.
165. M. Hansard, S. Lee, O. Choi, R. Horaud; [Time-of-Flight Cameras](#), Springer, 2013, ISBN: 978-1-4471-4657-5.
166. Y. Hasegawa; [Algebraically Approximate and Noisy Realization of Discrete-Time Systems and Digital Images](#), Springer, 2009, ISBN: 978-3-642-03216-5.
167. M. Hassaballah, K. M. Hosny (Eds.); [Recent Advances in Computer Vision](#), Springer, 2019, ISBN 978-3-030-05791-6.
168. T. Hassner, C. Liu (Eds.); [Dense Image Correspondences for Computer Vision](#), Springer, ISBN 978-3-319-23047-4, 2016.
169. D. Haughton, M.-D. McLaughlin, K. Mentzer, C. Zhang; [Movie Analytics](#),

Springer, ISBN: 978-3-319-09425-0, 2015.

170. J. He, C.-S. Kim, C. C. J. Kuo; [Interactive Segmentation Techniques](#), Springer, 2014, ISBN 978-981-4451-60-4.
171. R. He, B. Hu, X. Yuan, L. Wang; [Robust Recognition via Information Theoretic Learning](#), Springer, 2014, ISBN 978-3-319-07415-3.
172. T. C. Henderson; [Analysis of Engineering Drawings and Raster Map Images](#), Springer, 2014, ISBN 978-1-4419-8167-7.
173. M. Heredia Conde; [Compressive Sensing for the Photonic Mixer Device](#), Springer, 2017, ISBN 978-3-658-18056-0.
174. A. Herout, M. Dubska, J. Havel; [Real-Time Detection of Lines and Grids](#), Springer, 2013, ISBN 978-1-4471-4414-4.
175. J. Herling; [Advanced Real-Time Manipulation of Video Streams](#), Springer, 2014, ISBN 978-3-658-05809-8.
176. G. T. Herman; [Fundamentals of Computerized Tomography](#), 2nd ed., Springer, 2010, ISBN: 978-1-85233-617-2.
177. M. G. Hidalgo, A. M. Torres, J. V. Gomez (Eds); [Deformation Models: Tracking, Animation and Applications](#), Springer, 2013, ISBN: 978-94-007-5445-4.
178. D. Hillmann; [Holoscopy](#), Springer, 2014, ISBN 978-3-658-06478-5.
179. E. Hitzer, S. J. Sangwine (Eds.); [Quaternion and Clifford Fourier Transforms and Wavelets](#), Springer, 2013, ISBN 978-3-0348-0603-9.
180. B. Hoefflinger (Ed); [High-Dynamic-Range \(HDR\) Vision](#). Springer, 2007. ISBN 978-3-540-44432-9.
181. J. Howse; [OpenCV Computer Vision with Python](#), Packt Publishing, ISBN13 9781782163923, 2013.
182. Y. Huang, T. Tan; [Feature Coding for Image Representation and Recognition](#), Springer, 2014, ISBN 978-3-662-44999-8.
183. G. R. Hubbell; [Scientific Astrophotography](#), Springer, 2013, ISBN: 978-1-4614-5172-3.

184. R. W. G. Hunt; [The reproduction of colour](#) (subscription site), John Wiley & Sons, 2004, ISBN: 0-470-02425-9.
185. A. Hyvdrinen, J. Hurri, P. O. Hoyer; [Natural Image Statistics: A Probabilistic Approach to Early Computational Vision](#), Springer, Series: Computational Imaging and Vision, Vol. 39, ISBN: 978-1-84882-490-4, online: 978-1-84882-491-1, 2009.
186. K. Ikeuchi (Ed); [Computer Vision - A Reference Guide](#), Springer, 2014, ISBN 978-0-387-30771-8.
187. M. Ilsever, C. Unsalan; [Two-Dimensional Change Detection Methods](#). Springer, 2012, ISBN 978-1-4471-4254-6.
188. A. Inselberg; [Parallel Coordinates](#), Springer, 2009, ISBN: 978-0-387-21507-5.
189. B. Ionescu, J. Benois-Pineau, T. Piatrik, G. Quenot; [Fusion in Computer Vision](#), Springer, 2014, ISBN 978-3-319-05695-1.
190. R. T. Ionescu: M. Popescu; [Knowledge Transfer between Computer Vision and Text Mining](#), Springer, 2016, ISBN 978-3-319-30365-9.
191. W. Jackson; [Digital Image Compositing Fundamentals](#), Springer, ISBN 978-1-4842-1639-2, 2015.
192. W. Jackson; [Digital Video Editing Fundamentals](#), Springer, 2016, ISBN 978-1-4842-1865-5.
193. B. Jahne; [Digital Image Processing](#), Springer Verlag, 2005, ISBN: 3-540-67754-2.
194. A. K. Jain, P. Flynn, A. A. Ross; [Handbook of Biometrics](#), Springer, 2008, ISBN 978-0-387-71040-2.
195. A. K. Jain, A. A. Ross, K. Nandakumar; [Introduction to Biometrics](#), Springer, 2011, ISBN 978-0-387-77325-4.
196. H. Jair Escalante, S. Escalera, I. Guyon, X. Baro, Y. Gucluturk, U. Guclu, M.A.J. van Gerven (Eds.); Explainable and Interpretable Models in Computer Vision and Machine Learning, Springer, 2018, ISBN 978-3-319-98130-7.
197. B. Jasani, M. Pesaresi, S. Schneiderbauer, G. Zeug (Eds); [Remote Sensing](#)

- [from Space](#), Springer, Springer, 2009, ISBN: 978-1-4020-8483-6.
198. M. Jin, X. D. Gu, Y. He, Y. Wang; [Conformal Geometry](#), Springer, 2018, ISBN 978-3-319-75330-0.
199. D. Kainmueller; [Deformable Meshes for Medical Image Segmentation](#), Springer, 2015, ISBN 978-3-658-07014-4.
200. M. Kamel; [Image Analysis and Recognition](#), Springer, LNCS 3212, 2004, ISBN:978-3-540-23240-7.
201. K. Kanatani, Y. Sugaya, and Y. Kanazawa; [Guide to 3D Vision Computation: Geometric Analysis and Implementation](#), Springer International, 2016, ISBN 978-3-319-48492-1. sSample C/C++ codes for the computational procedures is available. See [Vision Algorithm](#)
202. K. Kanatani, Y. Sugaya, and Y. Kanazawa; [Ellipse Fitting for Computer Vision: Implementation and Applications](#), Synthesis Lectures on Computer Vision (Eds. Medioni and Dickinson) Morgan & Claypool, 2016, ISBN 9781627054584. [C/C++ code for robust and accutate ellipse fitting](#).
203. M. Kawulok, M. E. Celebi, B. Smolka (Eds); [Advances in Face Detection and Facial Image Analysis](#), Springer, 2016, ISBN 978-3-319-25956-7.
204. W. A. Keller; [Inside PixInsight](#), Springer, 2016, ISBN: 978-3-319-25680-1.
205. W. A. Keller; [Inside PixInsight](#), Springer, 2018, ISBN 978-3-319-97688-4.
206. L. A. Kennedy; [One-Shot Color Astronomical Imaging](#), Springer, 2012, ISBN 978-1-4614-3246-3.
207. M. K. Kim; [Digital Holographic Microscopy - Principles, Techniques, and Applications](#), Springer, 2011, ISBN 978-1-4419-7792-2.
208. M. Kipp, j.C. Martin, P. Paggio, D. Heylen (Eds); [Multimodal Corpora](#), Springer, 2009, ISBN: 978-3-642-04792-3.
209. B. Kisacanin; [Real-Time Vision for Human-Computer Interaction](#), Springer, 2005, ISBN: 0-387-27697-1.
210. B. Kisacanin, S. S. Bhattacharyya, S. Chai (Eds.); [Embedded Computer Vision](#) Springer, 2009, ISBN: 978-1-84800-303-3.
211. R. Klette; [Concise Computer Vision](#), Springer, 2014, ISBN

- 978-1-4471-6319-0. [Book support site](#).
212. R. Klette, R. Kozera, L. Noakes, J. Weickert; [Geometric Properties for Incomplete Data](#). Springer, 2006. ISBN 1-4020-3857-7
213. H. Kobatake, Y. Masutani (Eds.); [Computational Anatomy Based on Whole Body Imaging](#), Springer, ISBN 978-4-431-55974-0, 2017.
214. A. Koschan, M. Pollefeys, M. Abidi (Eds.); [3D Imaging for Safety and Security](#), Springer, 2007, ISBN: 978-1-4020-6181-3.
215. B. Kovacevic, Z. Banjac, M. Milosavljevic; [Adaptive Digital Filters](#), Springer, 2013, ISBN 978-3-642-33561-7.
216. V. Kovalevsky; [Modern Algorithms for Image Processing](#), Springer, 2019, ISBN 978-1-4842-4236-0.
217. S. Krig; [Computer Vision Metrics](#), Springer, 2016, ISBN: 978-3-319-33761-6.
218. A. Kumar, F. Shaik, B. A. Rahim, D. Kumar; [Signal and Image Processing in Medical Applications](#), Springer, 2016, ISBN 978-981-10-0689-0.
219. I. Kuzmanic, I. Vujovic; [Reliability and Availability of Quality Control Based on Wavelet Computer Vision](#), Springer, 2015, ISBN 978-3-319-13316-4.
220. H. Kwasnicka, L. C. Jain (Eds.); [Innovations in Intelligent Image Analysis](#), Springer, 2011, ISBN: 978-3-642-17933-4.
221. D. H. Laidlaw, A. Vilanova (Eds.); [New Developments in the Visualization and Processing of Tensor Fields](#) Springer, 2012, ISBN 978-3-642-27343-8.
222. B. Langmann; [Wide Area 2D/3D Imaging](#), Springer, 2014, ISBN 978-3-658-06456-3.
223. R. Lasaponara, N. Masini (Eds.); [Satellite Remote Sensing: A New Tool for Archaeology](#), Springer, 2012, ISBN 978-90-481-8800-0.
224. W. K. Leow; [Image and Video Retrieval](#), Springer, 2005, ISBN: 978-3-540-27858-0.
225. Y. Levakhina; [Three-Dimensional Digital Tomosynthesis](#), Springer, 2014, ISBN 978-3-658-05696-4.

226. M. Leyton; [The Structure of Paintings](#), Springer-Verlag, 2006, ISBN 3-211-35739-4
227. J. Li, W. Gao, [Visual Saliency Computation](#), Springer, 2014, ISBN 978-3-319-05641-8..
228. J.-B. Li, S. C. Chu, J.-S. Pan; [Kernel Learning Algorithms for Face Recognition](#), Springer, 2014, ISBN 978-1-4614-0161-2.
229. S. Li, J. M. R. S. Tavares (Eds.); [Shape Analysis in Medical Image Analysis](#), Springer, 2014, ISBN 978-3-319-03812-4.
230. S. Z. Li, A. Jain; [Handbook of Face Recognition](#), Springer-Verlag New York Inc, January 2005, ISBN: 038740595X.
231. S. Z. Li, A. K. Jain (Eds.); [Handbook of Face Recognition](#), Springer, 2011, ISBN 978-0-85729-931-4.
232. X. Li; [Functional Magnetic Resonance Imaging Processing](#), Springer, 2014, ISBN 978-94-007-7302-8.
233. Z.-N. Li, M. S. Drew; [Fundamentals of Multimedia](#), Prentice-Hall, Oct. 2003, ISBN: 0130618721. Second edition: Z.-N. Li, M. S. Drew, J. Liu; [Fundamentals of Multimedia](#), Springer, 2014, ISBN 978-3-319-05289-2.
234. A. Lisowska; [Geometrical Multiresolution Adaptive Transforms](#), Springer, 2014, ISBN 978-3-319-05010-2.
235. C. Liu (Ed.); [Recent Advances in Intelligent Image Search and Video Retrieval](#), Springer, 2017, ISBN 978-3-319-52080-3.
236. F. Liu, W. Q. Yan; [Visual Cryptography for Image Processing and Security](#), Springer, 2015, ISBN 978-3-319-23472-4.
237. Z. Liu, H. Ukida, P. Ramuhalli, K. Niel (Eds.); [Integrated Imaging and Vision Techniques for Industrial Inspection](#), Springer, 2015, ISBN 978-1-4471-6740-2.
238. A. M. López, A. Imiya, T. Pajdla, J. M. Álvarez (Eds); [Computer Vision in Vehicle Technology: Land, Sea, and Air](#), Wiley, 2017, ISBN 9781118868072.
239. L. Lu, Y. Zheng, G. Carneiro, L. Yang, (Eds.); [Deep Learning and Convolutional Neural Networks for Medical Image Computing](#), Springer, ISBN 978-3-319-42998-4, 2017.

240. T. Lu, S. Palaiahnakote, C. L. Tan, W. Liu; [Video Text Detection](#), Springer, 2014, ISBN: 978-1-4471-6514-9.
241. R. Luo (Ed.); [Encyclopedia of Color Science and Technology](#), Springer, 2016, ISBN: 978-1-4419-8070-0.
242. W. J. MacLean (Ed); [Spatial Coherence for Visual Motion Analysis](#), Springer LNCS 3667, 2006, ISBN: 3-540-32533-6.
243. N. Magnenat-Thalmann, J. J. Zhang, D. D. Feng (Eds); [Recent Advances in the 3D Physiological Human](#), Springer, 2009, ISBN: 978-1-84882-564-2.
244. N. Magnenat-Thalmann, O. Ratib, H. F. Choi (Eds.); [3D Multiscale Physiological Human](#), Springer, 2014, ISBN 978-1-4471-6274-2.
245. N. Magnenat-Thalmann, G. Papagiannakis, Ioannides (Eds); [Mixed Reality and Gamification for Cultural Heritage](#), Springer, 2017, ISBN 978-3-319-49606-1.
246. A. Mahjoubfar, C. L. Chen, B. Jalali; [Artificial Intelligence in Label-free Microscopy](#), Springer, 2017, ISBN: 978-3-319-51447-5.
247. P. Maji, S. Paul; [Scalable Pattern Recognition Algorithms](#), Springer, 2014, ISBN 978-3-319-05629-6.
248. D. Maltoni, D. Maio, A. K. Jain, S. Prabhakar; [Handbook of Fingerprint Recognition, \(Support Website\)](#), Springer-Verlag New York Inc., 2nd edition, 2009, ISBN: 978-1-84882-253-5 (Print) 978-1-84882-254-2 (Online).
249. M. Mancas, V. P. Ferrera, N. Riche, J. G. Taylor, (Eds); [From Human Attention to Computational Attention](#), Springer, 2016, ISBN: 978-1-4939-3433-1.
250. S. Marcel, M. S. Nixon, S. Z. Li (Eds.); [Handbook of Biometric Anti-Spoofing](#), Springer, 2014, ISBN 978-1-4471-6523-1.
251. V. Margner, H. El Abed (Eds.); [Guide to OCR for Arabic Scripts](#). Springer, 2012, ISBN 978-1-4471-4071-9.
252. S. Marinai, H. Fujisawa (Eds.); [Machine Learning in Document Analysis and Recognition](#), Springer, 2008, ISBN: 978-3-540-76279-9.
253. J. P. Marques de Sa; Pattern Recognition: Concepts, Methods and

Applications, Springer, ISBN 3-540-42297-8.

254. J. S. Marques; [Pattern Recognition and Image Analysis](#), Springer LNCS 3523, 2005, ISBN:978-3-540-26154-4.
255. E. Martinez-Martin, A. P. del Pobil; [Robust Motion Detection in Real-Life Scenarios](#). Springer, 2012, ISBN 978-1-4471-4215-7.
256. T. Matsuyama, S. Nobuhara, T. Takai, T. Tung; [3D Video and Its Applications](#), Springer, 2012, ISBN: 978-1-4471-4120-4.
257. R. Meera, A. Abraham; [Metaheuristics for Data Clustering and Image Segmentation](#), Springer, 2019, ISBN 978-3-030-04096-3.
258. K. M. Meiburger; [Quantitative Ultrasound and Photoacoustic Imaging for the Assessment of Vascular Parameters](#), Springer, 2017, ISBN 978-3-319-48997-1.
259. S. Metkar, S. Talbar; [Motion Estimation Techniques for Digital Video Coding](#), Springer, 2013, ISBN 978-81-322-1096-2.
260. L. Middleton, J. Sivaswamy; [Hexagonal Image Processing: A Practical Approach](#), Springer-Verlag UK, August 2005, ISBN: 1852339144.
261. R. Miikkulainen, J. A. Bednar, Y. Choe, J. Sirosh; [Computational Maps in the Visual Cortex](#), [Support Website](#), New York: Springer 2005, ISBN: 0-387-22024-0.
262. M. E. Miller; [Color in Electronic Display Systems](#), Springer, 2019, ISBN 978-3-030-02833-6.
263. H. Q. Minh, V. Murino (Eds.); [Algorithmic Advances in Riemannian Geometry and Applications](#), Springer, 2016, ISBN 978-3-319-45025-4.
264. H. B. Mitchell; [Multi-Sensor Data Fusion - An Introduction](#), Springer, 2007, ISBN: 978-3-540-71463-7.
265. H. B. Mitchell; [Image Fusion - Theories, Techniques and Applications](#), Springer, 2010, ISBN 978-3-642-11215-7.
266. A. Mitiche, I. Ben Ayed; [Variational and Level Set Methods in Image Segmentation](#), 2011, ISBN: 978-3-642-15351-8.
267. T. B. Moeslund; [Introduction to Video and Image Processing](#), Springer,

2012, ISBN 978-1-4471-2502-0.

268. T. B. Moeslund, A. Hilton, V. Krueger, L. Sigal (Eds.); [Visual Analysis of Humans](#). Springer, 2011, ISBN 978-0-85729-996-3.
269. V. Monga (Ed.); [Handbook of Convex Optimization Methods in Imaging Science](#), Springer, 2017, ISBN: 978-3-319-61608-7.
270. H. Montegrano, J. Espinosa; [Variational Regularization of 3D Data](#), Springer, 2014, ISBN 978-1-4939-0532-4.
271. G. Moser, J. Zerubia; [Mathematical Models for Remote Sensing Image Processing](#), Springer, 2018, ISBN 9783319663289.
272. M. Nachtegael; D. Van der Weken; E. E. Kerre, W. Philips; [Soft Computing in Image Processing](#), Springer, 2006, ISBN 978-3-540-38232-4.
273. K. N. Ngan H. L. Li (Eds.); [Video Segmentation and Its Applications](#), Springer, 2011, ISBN 978-1-4419-9481-3.
274. S. Nikiel; [Iterated Function Systems for Real-Time Image Synthesis](#), Springer, 2007, ISBN 978-1-84628-685-8.
275. M. Nitzberg, D. Mumford, T. Shiota; [Filtering, segmentation, and depth](#), Springer-Verlag, 1993, ISBN 0387564845.
276. M. S. Nixon, A.S. Aguado ; [Feature Extraction and Image Processing](#) (Support Website), [online demos](#), Newnes, 2002, ISBN 0750650788.
277. S. Noghianian, A. Sabouni, T. Desell, A. Ashtari; [Microwave Tomography](#), Springer, 2014, ISBN 978-1-4939-0751-9.
278. M. R. Ogiela, T. Hachaj; [Natural User Interfaces in Medical Image Analysis](#), Springer, 2015, ISBN 978-3-319-07799-4.
279. G. Olague; [Evolutionary Computer Vision](#), Springer, 2016, ISBN 978-3-662-43692-9.
280. O. Oreifej, M. Shah; [Robust Subspace Estimation Using Low-Rank Optimization](#), Springer, 2014, ISBN 978-3-319-04183-4.
281. S. J. Osher, N. Paragios; [Geometric Level Set Methods in Imaging, Vision and Graphics](#), [Support website](#), Springer-Verlag New York Inc, 2003.

282. S. Painer; [Variation Based Dense 3D Reconstruction](#), Springer, ISBN 978-3-658-12698-8, 2016.
283. N. Paragios, Y. Chen, O. Faugeras; [Mathematical Models in Computer Vision: The Handbook](#), [Support website](#), Springer, 2006. ISBN 0-387-26371-3.
284. N. Paragios, J. Duncan, N. Ayache (Eds.); [Handbook of Biomedical Imaging](#), Springer, 2015, ISBN 978-0-387-09748-0.
285. G. Parker; [Making Beautiful Deep-Sky Images](#), Springer, 2017, ISBN 978-3-319-46315-5.
286. A. Parkin; [Digital Imaging Primer](#). Springer, 2016, ISBN 978-3-540-85617-7.
287. J. Pauli; [Learning-Based Robot Vision](#), Springer-Verlag, 2001, ISBN 3-540-42108-4.
288. K. D. Paulsen; [Alternative Breast Imaging](#), Springer, 2005, ISBN: 0-387-23363-6.
289. G. Pavlidis; [Mixed Raster Content](#), Springer, 2017, ISBN 978-981-10-2829-8.
290. N. Pears, Y. Liu, P. Bunting (Eds.); [3D Imaging, Analysis and Applications](#), Springer, 2012, ISBN 978-1-4471-4062-7.
291. J. Peddie; [The History of Visual Magic in Computers](#), Springer, 2013, ISBN 978-1-4471-4932-3.
292. J. Peddie; [Augmented Reality](#), Springer, 2017, ISBN 978-3-319-54501-1.
293. M. Pelillo (Ed.); [Similarity-Based Pattern Analysis and Recognition](#), Springer, 2013, ISBN 978-1-4471-5627-7.
294. M. Petrou, P. G. Sevilla; [Image Processing: Dealing with Texture](#) (subscription site), John Wiley and Sons, 2006, Online ISBN: 047003534X, ISBN: 0-470-02628-6.
295. M. Pietikainen, A. Hadid, G. Zhao, T. Ahonen; [Computer Vision Using Local Binary Patterns](#), Springer, 2011, ISBN 978-0-85729-747-1.
296. M. Pinchas; [The Whole Story behind Blind Adaptive Equalizers/ Blind Deconvolution](#), Bentham, 2013, ISBN: 978-1-60805-135-9.

297. P. Pisharady, P. Vadakkepat, L. A. Poh; [Computational Intelligence in Multi-Feature Visual Pattern Recognition](#), Springer, 2014, ISBN 978-981-287-055-1.
298. J. Ponce, M. Hebert, C. Schmid, A. Zisserman (Eds). [Toward Category-Level Object Recognition](#), [Support website](#), Springer LNCS, Vol. 4170, 2006. ISBN 978-3-540-68794-8.
299. H. Pottmann, J. Wallner; [Computational Line Geometry](#), Springer, 2001, ISBN 978-3-540-42058-3.
300. R. Prados, R. Garcia, L. Neumann; [Image Blending Techniques and their Application in Underwater Mosaicing](#), Springer, 2014, ISBN 978-3-319-05557-2.
301. S. Prasad, L. M. Bruce, J. Chanussot (Eds.); [Optical Remote Sensing](#), Springer, 2011, ISBN 978-3-642-14211-6.
302. L. Priese; [Computer Vision: Einfuhrung in die Verarbeitung und Analyse digitaler Bilder](#), Springer, 2015, ISBN 978-3-662-45128-1.
303. H. Qian, X. Wu, Y. Xu; [Intelligent Surveillance Systems](#), Springer, 2011, ISBN 978-94-007-1136-5.
304. L. Quan; [Image-Based Modeling](#), Springer, 2010, ISBN: 978-1-4419-6678-0.
305. S. Qureshi; [Embedded Image Processing on the TMS320C6000 DSP](#), Springer 2006, ISBN: 0-387-25280-0.
306. A. D. Rahulkar, R. S. Holambe; [Iris Image Recognition](#), Springer, 2014, ISBN 978-3-319-06766-7.
307. A. R. Ram, S. Chaudhuri; [Video Analysis and Repackaging for Distance Education](#). Springer, 2012, ISBN 978-1-4614-3836-6.
308. N. Ratha, R. Bolle; [Automatic Fingerprint Recognition Systems](#), Springer-Verlag New York Inc., June 2003, ISBN: 0387955933.
309. C. Rathgeb, A. Uhl, P. Wild; [Iris Biometrics](#), Springer, 2013, ISBN: 978-1-4614-5570-7.
310. K. S. Ray; [Soft Computing Approach to Pattern Classification and Object Recognition](#), Springer, 2012, ISBN 978-1-4614-5348-2.

311. M. Rezaei, R. Klette; [Computer Vision for Driver Assistance](#), Springer, 2017, ISBN 978-3-319-50549-7.
312. J. A. Richards; [Remote Sensing Digital Image Analysis](#), 5th Edition, Springer, 2013, ISBN 978-3-642-30062-2.
313. B. S. Rinkevichyus, O. A. Evtikhieva, I. L. Raskovskaya; [Laser Refractography](#), 2011, ISBN: 978-1-4419-7396-2.
314. A. Robles-Kelly, C. P. Huynh; [Imaging Spectroscopy for Scene Analysis](#), Springer, 2013, ISBN: 978-1-4471-4651-3.
315. V. Romero, A. H. Toselli, E. Vidal; [Multimodal Interactive Handwritten Text Transcription](#), World Scientific, 2012, ISBN: 978-981-4390-33-0.
316. L. F. Rosario Lucas, E. A. Barros da Silva, S. M. Maciel de Faria, N. M. Morais Rodrigues, C. Liberal Pagliari; [Efficient Predictive Algorithms for Image Compression](#), Springer, 2017, ISBN 978-3-319-51179-5.
317. B. Rosenhahn, R. Klette, D. Metaxas (Eds.); [Human Motion Understanding, Modelling, Capture, and Animation](#) Springer, 2008, ISBN: 978-1-4020-6692-4.
318. P. Rosin, A. Adamatzky, X. Sun (Eds.); [Cellular Automata in Image Processing and Geometry](#), Springer, 2014, ISBN 978-3-319-06431-4.
319. P. Rosin, J. Collomosse (Eds); [Image and Video-Based Artistic Stylisation](#), 2013, Springer, ISBN 978-1-4471-4518-9.
320. W. Rucklidge; [Efficient visual recognition using the Hausdorff distance](#), Springer, 1996, ISBN 3540619933.
321. D. Ruefenacht; [Novel Motion Anchoring Strategies for Wavelet-based Highly Scalable Video Compression](#), Springer, 2018, ISBN 978-981-10-8224-5.
322. L. Saba, J. M. Sanches, L. M. Pedro, J. S. Suri (Eds.); [Multi-Modality Atherosclerosis Imaging and Diagnosis](#), Springer, 2014, ISBN 978-1-4614-7425-8.
323. M. Sabin; [Analysis and Design of Univariate Subdivision Schemes](#), Springer, 2010, ISBN 978-3-642-13647-4.

324. J. Scharcanski, M. E. Celebi (Eds.); [Computer Vision Techniques for the Diagnosis of Skin Cancer](#), Springer, 2014, ISBN 978-3-642-39608-3
325. D. Scharstein; [View Synthesis Using Stereo Vision](#), Springer-Verlag Berlin and Heidelberg GmbH and Co. K, 1999, ISBN 354066159X.
326. O. Scherzer, M. Grasmair, H. Grossauer, M. Haltmeier, F. Lenzen; [Variational Methods in Imaging](#), Springer Series: Applied Mathematical Sciences, Vol. 167, 2009, ISBN: 978-0-387-30931-6.
327. O. Scherzer (Ed.); [Handbook of Mathematical Methods in Imaging](#), 2011, ISBN: 978-0-387-92919-4.
328. U. Schnars, C. Falldorf, J. Watson, W. Juptner; [Digital Holography and Wavefront Sensing](#), 2nd edition, Springer, 2015, ISBN 978-3-662-44692-8.
329. D. Schonfeld, C. Shan, D. Tao, L. Wang (Eds.); [Video Search and Mining](#), Springer, 2010, ISBN 978-3-642-12899-8.
330. M. E. Schuckers; [Computational Methods in Biometric Authentication](#), Springer, 2010, ISBN 978-1-84996-201-8.
331. N. Sebe, I. Cohen, A. Garg, T. S. Huang; [Machine Learning in Computer Vision](#), Springer, 2005, ISBN: 1402032749.
332. H. T. Sencar, N. Memon (Eds.); [Digital Image Forensics](#). Springer, 2013, ISBN 978-1-4614-0756-0.
333. A. Senior (Ed); [Protecting Privacy in Video Surveillance](#), Springer, 2009, ISBN: 978-1-84882-300-6.
334. S. H. Shaikh, K. Saeed, N. Chaki; [Moving Object Detection Using Background Subtraction](#), Springer, 2014, ISBN 978-3-319-07385-9.
335. C. Shan, F. Porikli, T. Xiang, S. Gong (Eds.); [Video Analytics for Business Intelligence](#), Springer, 2012, ISBN 978-3-642-28597-4.
336. J. Shan, C. K. Toth (Eds); [Topographic Laser Ranging and Scanning: Principles and Processing, Second Edition](#), CRC Press, 2018, ISBN 9781498772273.
337. L. Shao, J. Han, P. Kohli, Z. Zhang (Eds.); [Computer Vision and Machine Learning with RGB-D Sensors](#), Springer, 2014, ISBN 978-3-319-08650-7.

338. Y. Shimabukuro, F. J. Ponzoni; [Spectral Mixture for Remote Sensing](#), Springer, 2019, ISBN 978-3-030-02016-3.
339. K. K. Shukla, M. V. Prasad; [Lossy Image Compression](#), Springer, 2011, ISBN 978-1-4471-2217-3.
340. K. Siddiqi, S. Pizer (eds); [Medial Representations](#), Springer, 2009, ISBN 978-1-4020-8657-1.
341. S. Singh; [Pattern Recognition and Image Analysis](#), Springer LNCS 3687, 2005, ISBN: 3-540-28833-3.
342. P. Spagnolo, P. L. Mazzeo, C. Distanto (Eds.); [Human Behavior Understanding in Networked Sensing](#), Springer, 2014, ISBN 978-3-319-10806-3.
343. J. Spehr; [On Hierarchical Models for Visual Recognition and Learning of Objects, Scenes, and Activities](#), Springer, 2015, ISBN 978-3-319-11324-1.
344. L. Stanescu, D. D. Burdescu, M. Brezovan, C. G. Mihai; [Creating New Medical Ontologies for Image Annotation A Case Study](#), Springer, 2012, ISBN 978-1-4614-1908-2.
345. T. Strutz; [Bilddatenkompression \(Digital Image Compression\)](#), Springer, 2017, ISBN 978-3-8348-1427-2.
346. T. Su; [Chinese Handwriting Recognition: An Algorithmic Perspective](#), Springer, 2013, ISBN 978-3-642-31812-2.
347. L. E. Sucar; [Probabilistic Graphical Models](#), Springer, 2015, ISBN 978-1-4471-6698-6.
348. D. Sundararajan; [Digital Image Processing](#), Springer, 2017, ISBN: 978-981-10-6112-7.
349. S. Supek, C. J. Aine (Eds.); [Magnetoencephalography](#), Springer, 2014, ISBN 978-3-642-33044-5.
350. M. A. Sutton, J.-J. Ortu, H. Schreier; [Image Correlation for Shape, Motion and Deformation Measurements](#), Springer, 2009, ISBN: 978-0-387-78746-6 (Print) 978-0-387-78747-3 (Online).
351. K. Suzuki (Ed.); [Computational Intelligence in Biomedical Imaging](#), Springer, 2014, ISBN 978-1-4614-7244-5.

352. V. Sze, M. Budagavi, G. J. Sullivan (Eds.); [High Efficiency Video Coding \(HEVC\)](#), Springer, 2014, ISBN 978-3-319-06894-7.
353. R. Szeliski; [Computer Vision](#), 2011, ISBN: 978-1-84882-934-3.
354. X-C. Tai, K-A. Lie, T. F. Chan, S. Osher; [Image Processing Based on Partial Differential Equations](#), Springer, 2006, ISBN 978-3-540-33266-4.
355. F. Talantzis, A. Pnevmatikakis, A. G Constantinides; [Audio-Visual Person Tracking](#), World Scientific, 2011, ISBN: 978-1-84816-581-6.
356. Y. Y. Tang; [Document Analysis And Recognition With Wavelet And Fractal Theories](#), World Scientific, 2012, ISBN: 978-981-4401-00-5.
357. J. M. R. S. Tavares, X. Luo, S. Li (Eds.); [Bio-Imaging and Visualization for Patient-Customized Simulations](#), Springer, 2014, ISBN 978-3-319-03589-5.
358. G. Taylor, L. Kleeman; [Visual Perception and Robotic Manipulation](#), Springer, 2006, ISBN 3-540-33454-8.
359. D. Thalmann, S. R. Musse; [Crowd Simulation](#), Springer, 2nd ed. 2013, ISBN 978-1-4471-4450-2.
360. R. Thanki, A. M. Kothari; [Digital Image Processing using SCILAB](#), Springer, 2019, ISBN 978-3-319-89532-1.
361. M. Tistarelli, S. Z. Li, R. Chellappa (Eds); [Handbook of Remote Biometrics for Surveillance and Security](#), Series: Advances in Pattern Recognition, Springer, 2009, ISBN: 978-1-84882-384-6.
362. K. D. Toennies; [Guide to Medical Image Analysis: Methods and Algorithms](#), Springer, 2012, ISBN 978-1-4471-2750-5.
363. M. Toennis; [Augmented Reality \(in German\)](#), Springer, 2010, ISBN: 978-3-642-14178-2.
364. J. Toriwaki, H. Yoshida; [Fundamentals of Three-dimensional Digital Image Processing](#), Springer, 2009, ISBN: 978-1-84800-172-5 (Print)
978-1-84800-173-2 (Online).
365. M. A. Trieber; [An Introduction to Object Recognition](#), Springer, 2010, ISBN 978-1-84996-234-6.

366. M. A. Treiber; [Optimization for Computer Vision](#), Springer, 2013, ISBN 978-1-4471-5283-5.
367. P. K. Turaga, A. Srivastava (Eds.); [Riemannian Computing in Computer Vision](#), Springer, ISBN 978-3-319-22956-0, 2016.
368. C. Unsalan, K. L. Boyer; [Multispectral Satellite Image Understanding](#), Springer, 2011, ISBN 978-0-85729-666-5.
369. A. Vathy-Fogarassy, J. Abonyi; [Graph-Based Clustering and Data Visualization Algorithms](#), Springer, 2013, ISBN 978-1-4471-5157-9.
370. B. Verma, L. Zhang, D. Stockwell; [Roadside Video Data Analysis](#), Springer, 2017, ISBN 978-981-10-4538-7.
371. J. Vince; [Geometry for Computer Graphics: Formulae, Examples and Proofs](#), Springer-Verlag UK, October 2004, ISBN: 1852338342.
372. J. Vince; [Rotation Transforms for Computer Graphics](#), Springer, 2011, ISBN: 978-0-85729-153-0.
373. R. G. von Gioi; [A Contrario Line Segment Detection](#), Springer, 2014, ISBN 978-1-4939-0574-4.
374. A. Vyas, S. Yu, J. Paik; [Multiscale Transforms with Application to Image Processing](#), Springer, 2018, ISBN 978-981-10-7271-0.
375. N. J. Wade; [Perception and Illusion. Historical Perspectives](#). New York: Springer, 2005.
376. G. Wang, Q. M. J. Wu; [Guide to Three Dimensional Structure and Motion Factorization](#), 2011, ISBN: 978-0-85729-045-8.
377. H. Wang, C. Weng, J. Yuan; [Visual Pattern Discovery and Recognition](#), Springer, ISBN 978-981-10-4839-5, 2017.
378. J. Wang, Z. Liu, Y. Wu; [Human Action Recognition with Depth Cameras](#), Springer, 2014, ISBN 978-3-319-04560-3.
379. L. Wang, C. Zhao; [Hyperspectral Image Processing](#), Springer, 2016, ISBN 978-3-662-47455-6.
380. L. Wang, G. Zhao, L. Cheng, M. Pietikainen (Eds.); [Machine Learning for Vision-Based Motion Analysis](#), 2011, ISBN: 978-0-85729-056-4.

381. Q. Wang, D. Quattrochi, P. E. Gamba (Eds.); [Urban Remote Sensing, Second Edition](#), CRC Press, 2018, ISBN 9781138054608.
382. J. Webb, J. Ashley; [Beginning Kinect Programming with the Microsoft Kinect SDK](#), Springer, 2012, ISBN 978-1-4302-4104-1.
383. M. Weinmann; [Reconstruction and Analysis of 3D Scenes](#), Springer, ISBN 978-3-319-29246-5, 2016.
384. Z. Wen, T. S. Huang; [3D Face Processing: Modeling, Analysis and Synthesis](#), Springer International Series in Video Computing, June 1, 2004, ISBN: 1402080476.
385. A. Wedel, D. Cremers; [Stereo Scene Flow for 3D Motion Analysis](#), Springer, 2011, ISBN 978-0-85729-964-2.
386. P. Whitt; [Pro Photo Colorizing with GIMP](#), Springer, 2016, ISBN 978-1-4842-1949-2.
387. C. Wohler; [3D Computer Vision](#), Springer, 2009, ISBN 978-3-642-01731-5.
388. C. Wohler; [3D Computer Vision, 2nd Ed.](#), Springer, 2013, ISBN 978-1-4471-4149-5.
389. Z. Wu; [Human Re-Identification](#), Springer, 2016, ISBN: 978-3-319-40990-0.
390. D. Xu (Ed); [Embedded Visual System and its Applications on Robots](#), Institute of Automation, Chinese Academy of Sciences, P.R China, DOI: 10.2174/97816080516631100101, 2012.
391. X. Xu, X. Wu, F. Lin; [Cellular Image Classification](#), Springer, 2017, ISBN 978-3-319-47628-5.
392. H. Yan, J. Lu; [Facial Kinship Verification](#), Springer, ISBN 978-981-10-4483-0, 2017.
393. W. Q. Yan; [Introduction to Intelligent Surveillance](#), Springer, 2016, ISBN 978-3-319-28514-6. Second edition: 2017, ISBN: 9783319602271
394. X. Yin, B. W.-H. Ng, D. Abbott; [Terahertz Imaging for Biomedical Applications](#), Springer, 2012, ISBN 978-1-4614-1820-7.
395. G. Yu, J. Yuan, Z. Liu; [Human Action Analysis with Randomized Trees](#),

- Springer, 2015, ISBN 978-981-287-166-4.
396. Z. Zalevsky (Ed.); [Super-Resolved Imaging - Geometrical and Diffraction Approaches](#), Springer, 2011, ISBN 978-1-4614-0832-1.
397. A. R. Zamir, A. Hakeem, L. Van Gool, M. Shah, R. Szeliski (Eds.); [Large-Scale Visual Geo-Localization](#), Springer, 2016, ISBN: 978-3-319-25779-2.
398. P. Zanuttigh, G. Marin, C. Dal Mutto, F. Dominio, L. Minto, G. M. Cortelazzo; [Time-of-Flight and Structured Light Depth Cameras](#), Springer, 2016, ISBN 978-3-319-30971-2.
399. W. Zeng, X. D. Gu; [Ricci Flow for Shape Analysis and Surface Registration](#), Springer, 2013, ISBN 978-1-4614-8781-4
400. B. Zhang, Y. F. Li; [Automatic Calibration and Reconstruction for Active Vision Systems](#), Springer, 2012, ISBN 978-94-007-2653-6.
401. D. Zhang, F. Chen, Y. Xu; [Computer Models for Facial Beauty Analysis](#), Springer, 2016, ISBN 978-3-319-32596-5.
402. D. Zhang, Y. Xu, W. Zuo; [Discriminative Learning in Biometrics](#), Springer, 2016, ISBN 978-981-10-2055-1 .
403. Q. Zhang, R. Skjetne; [Sea Ice Image Processing with MATLAB](#), CRC Press, 2018, ISBN 9781138032668.
404. S. Zhang, G. Lu; [3D Biometrics](#), Springer, 2013, ISBN 978-1-4614-7400-5.
405. Q. Zhao (Ed.); [Computational and Cognitive Neuroscience of Vision](#), Springer, 2017, ISBN 978-981-10-0211-3.
406. Y. Zhao, C. Yi, S. G. Kong, Q. Pan, Y. Cheng; [Multi-band Polarization Imaging and Applications](#), Springer, ISBN 978-3-662-49373-1, 2016.
407. N. Zheng, J. Xue; [Statistical Learning and Pattern Analysis for Image and Video Processing](#), Springer, 2009, ISBN: 978-1-84882-311-2.
408. Y. Zheng, D. Comaniciu; [Marginal Space Learning for Medical Image Analysis](#), Springer, 2014, ISBN 978-1-4939-0599-7.
409. S. K. Zhou, R. Chellappa, W. Zhao; [Unconstrained Face Recognition](#), Springer, 2006, ISBN: 0-387-26407-8.

410. C. Zhu, Y. Zhao, L. Yu, M. Tanimoto (Eds.); [3D-TV System with Depth-Image-Based Rendering](#). Springer, 2013, ISBN 978-1-4419-9963-4.

Books with Support Sites

1. M. de Berg, O. Cheong, M. van Kreveld, M. Overmars; [Computational Geometry: Algorithms and Applications](#) (Support Website), 3rd Edition, Springer-Verlag Berlin and Heidelberg GmbH & Co., March 2008, ISBN: 978-3-540-77973-5.
2. R. Brunelli; [Template Matching Techniques in Computer Vision: Theory and Practice](#), Wiley, 2009, ISBN: 978-0-470-51706-2.
3. H. Bunke, P. S-P Wang; [Handbook of Character Recognition and Document Image Analysis](#), World Scientific, 1997, ISBN: 981-02-2270-x.
4. C.-I. Chang; [Hyperspectral Imaging: Techniques for Spectral Detection and Classification](#), Kluwer Academic, 2004, ISBN:0-306-47483-2.
5. Y. Chen, J. Z. Wang; [Machine Learning and Statistical Modeling Approaches to Image Retrieval](#), Kluwer Academic Publishers, Dordrecht, June 2004.
6. E. R. Davies; [Image Processing For The Food Industry](#), World Scientific, 2000, ISBN: 981-02-4022-8.
7. E. R. Davies; [Machine Vision: Theory Algorithms Practicalities. Third Edition](#), Morgan Kaufman, 2005, ISBN 0-12-206093-8.
8. E. R. Davies; [Machine Vision: Principles, Algorithms, Applications, Learning. Fifth Edition](#), Elsevier, 2017, ISBN 978-0-12-809284-2.
9. L. S. Davies; [Parallel Image analysis: Theory and Applications](#), World Scientific, 1995, ISBN: 981-02-2476-1.
10. G. Dougherty; [Digital Image Processing for Medical Applications](#), Cambridge Univ Press, 2009, ISBN:978-0-521-86085-7.
11. E. R. Dougherty, R. A. Lotufo; [Hands-on Morphological Image Processing](#), SPIE PRESS Vol. TT59, 2003, ISBN 0-8194-4720-X.
12. R. O. Duda, P. E. Hart, D. G. Stork; [Pattern Classification](#) (Algorithms Website), John Wiley and Sons, 2001, ISBN 0471056693.

13. G. Dudek and M. Jenkin; [Computational Principles of Mobile Robotics \(Support Website\)](#), Cambridge University Press, Cambridge England, 2000, ISBN 052156876-5
14. O. Faugeras, Q.T. Luong, T. Papadopoulo; [The Geometry of Multiple Images \(Support Website\)](#), MIT Press, 2001, ISBN 0262062208.
15. R. Fisher, K. Dawson-Howe, A. W. Fitzgibbon, C. Robertson, E. Trucco; [Dictionary of Computer Vision and Image Processing](#), (Support Website), John Wiley and Sons, 2005, ISBN 0-470-01526-8.
16. R. B. Fisher, T. P. Breckon, K. Dawson-Howe, A. Fitzgibbon, C. Robertson, E. Trucco, C. K. I. Williams; [Dictionary of Computer Vision and Image Processing](#), 2nd Edition, John Wiley, 2013, ISBN: 978-1-119-94186-6.
17. J. Flusser, T. Suk, B. Zitova. [Moment and Moment Invariants in Pattern Recognition](#), (Support Website), John Wiley and Sons, 2009, ISBN 978-0-470-69987-4.
18. D. Forsyth and J. Ponce; [Computer Vision a Modern Approach](#) (Support Website), Prentice Hall, 2003, ISBN 0-13-085198-1.
19. A. Ghosh, S. K. Pal; [Soft Computing Approach to Pattern Recognition and Image Processing](#), World Scientific, 2002, ISBN: 981-238-251-8.
20. S. Gong, S.J. McKenna, A. Psarrou; [Dynamic Vision: From Images to Face Recognition](#) (Support Website), Imperial College Press, 2000, ISBN 1860941818.
21. R.C. Gonzalez, R.E. Woods; [Digital Image Processing \(3rd edition\)](#), Prentice Hall, 2008, ISBN-13: 978-0131687288.
22. R.C. Gonzalez, R.E. Woods; [Digital Image Processing \(2nd edition\)](#), Prentice Hall, 2002, ISBN 0201180758.
23. R.C. Gonzalez, R.E. Woods, S.L. Eddins; [Digital Image Processing Using MATLAB, 2nd edition](#), Prentice Hall, 2009, ISBN 9780982085400.
24. A. A. Goshtasby; [2-D and 3-D Image Registration for Medical, Remote Sensing, and Industrial Applications](#), Wiley, 2005.
25. M. Grgic, K. Delac, M. Ghanbari; [Recent Advances in Multimedia Signal Processing and Communications](#), Springer, 2009, ISBN 978-3-642-02899-1.

26. C. Guy; [Introduction to the Principles of Medical Imaging](#), World Scientific, 2005, ISBN: 1860945023.
27. R. Hartley, A. Zisserman; [Multiple View Geometry in Computer Vision](#) (Support Website), Cambridge University Press, 2000, ISBN 0-521-62304-9.
28. B.K.P. Horn; [Robot Vision](#) (Support Website), McGraw Hill, 1986, ISBN 0-07-030349-5.
29. B. Kisacanin and M. Gelautz (Eds); [Advances in Embedded Computer Vision](#), Springer, 2014, ISBN 978-3-319-09386-4.
30. R. Klette, A. Rosenfeld; [Digital Geometry: Geometric Methods for Digital Picture Analysis](#), (Support Website), Elsevier, 2004, ISBN 9781558608610.
31. R. Klette, K. Schlüns, A. Koschan; [Computer Vision: Three-Dimensional Data from Images](#) (Support Website), Springer-Verlag Singapore Pte. Ltd., 2001, ISBN 9813083719.
32. R. Klette, F. Sloboda, A. Rosenfeld; [Advances in Digital and Computational Geometry](#) (Support Website), Springer, 1998.
33. R. Klette, P. Zamperoni; [Handbook of Image Processing Operators](#) (Support Website), John Wiley and Sons, 1996, ISBN 0-471-95642-2.
34. V. A. Kovalevsky; [Geometry of Locally Finite Spaces](#) Publishing House, 2008, ISBN 978-3-9812252-0-4.
35. F. Li, R. Klette; [Euclidean shortest paths](#) (Support Website), Springer, 2011, ISBN: 978-1-4471-2255-5.
36. T. Lindeberg; [Scale-Space Theory in Computer Vision](#), Kluwer Academic, 1994, ISBN 0-7923-9418-6.
37. D.A. Lyon; [Image Processing in Java](#) (Support Website), Prentice-Hall, 1999, ISBN 0-13-974577-7.
38. Y. Ma, S. Soatto, J.Kosecka, S.S. Sastry; [An Invitation to 3-D Vision From Images to Geometric Models](#) (Support Website), Springer-Verlag, 2004, ISBN 0-387-00893-4.
39. T. B. Moeslund, G. Thomas, A. Hilton; [Computer Vision in Sports](#), Springer, 2014, ISBN 978-3-319-09395-6.

40. F. Nielsen; [Visual Computing: Geometry, Graphics, and Vision](#), Charles River Media, Thomson Delmar Learning, August 2005, ISBN: 1-58450-427-7.
41. R. J. Radke; [Computer Vision for Visual Effects](#), Cambridge University Press, 2012, ISBN 978-0521766876.
42. B. D. Ripley; [Pattern Recognition and Neural Networks](#), Cambridge University Press, 2008, ISBN 978-0-521-71770-0.
43. M. Seul, L. O'Gorman, M.J. Sammon; [Practical Algorithms for Image Analysis: Descriptions Examples and Code \(2nd edition\)](#) (Support Website), Cambridge University Press, 2008, ISBN 0-521-66065-3.
44. C. Solomon, T. Breckon; [Fundamentals of Digital Image Processing](#), Wiley-Blackwell, 2010, ISBN: 978-0470844731.
45. D. Salomon; [Data Compression: The Complete Reference](#) (Support Website), Springer-Verlag New York Inc., January 15, 2004, ISBN: 0387406972.
46. H. Samet; [Applications of Spatial Data Structures: Computer Graphics, Image Processing, and GIS](#), Addison-Wesley, Reading, MA, 1990, ISBN 0-201-50300-0.
47. H. Samet; [The Design and Analysis of Spatial Data Structures](#), Addison-Wesley, Reading, MA, 1990, ISBN 0-201-50255-0.
48. H. Samet; [Foundations of Multidimensional and Metric Data Structures](#), Morgan-Kaufmann, 2006, ISBN 0-12-369446-9.
49. J. Shen; [Multispectral Image Processing and Pattern Recognition](#), World Scientific, 2001, ISBN: 9810245939.
50. M. Sonka, R. Boyle, V. Hlavac; [Image Processing: Analysis and Machine Vision](#), CENGAGE Learning, 4th Edition, ISBN: 9781133593607, 2014. (3rd edition 2007 ISBN 978-0-495-08252-1). See also the companion book: T. Svoboda, J. Kybic, V. Hlavac; [Image Processing, Analysis and Machine Vision - A MATLAB Companion](#), [Support web site](#), CENGAGE Learning, 2008, ISBN 9780495295952
51. W. Snyder, H. Qi; [Machine Vision](#), Cambridge University Press, 2004, ISBN 052183046X.

52. C. Steger, M. Ulrich, C. Wiedemann; [Machine Vision Algorithms and Applications](#) Wiley-VCH, 2007, ISBN: 978-3-527-40734-7.
53. J. Z. Wang; [Integrated Region-Based Image Retrieval](#), Kluwer Academic Publishers, Dordrecht, 2001.
54. P. S. P. Wang; [Parallel Image analysis, Tools and Models](#), World Scientific, 1998, ISBN: 981-02-3458-9.
55. S. Watanabe; [Algebraic Geometry and Statistical Learning Theory](#), Cambridge University Press, 2009, ISBN=9780521864671.

Other Books

1. M. Abate, F. Tovena; Curves and Surfaces, Springer, 2011, ISBN 978-88-470-1940-9.
2. J.F. Abramatic, J. Arvidsson, O.D. Faugeras, G.H. Granlund, R.M. Haralick, T.C. Henderson, H. Knutsson, B. Kruse, S.W. Krusemark, M. Kunt, J.C. Latombe, S. Levialdi, A. Lux, A. Rosenfeld, R. Wilson; Fundamentals in Computer Vision, Cambridge University Press, 1983, ISBN 0-521-250994.
3. S. T. Acton, N. Ray, A. C. Bovik; Biomedical Image Analysis: Segmentation, Morgan & Claypool, 2007, ISBN-13: 9781598290202.
4. S. T. Acton, N. Ray; Biomedical Image Analysis: Tracking, Morgan & Claypool, 2006, ISBN: 9781598290189.
5. H. Aghajan, A. Cavalario; Multi-Camera Networks, Elsevier, 2009, ISBN 9780123746337.
6. M. A. R. Ahad; Motion History Images for Action Recognition and Understanding, Springer, ISBN 978-1-4471-4730-5, 2013.
7. M. A. S. Ahmed; Image Processing, Theory, Algorithms and Architectures, McGraw-Hill, 1995, ISBN 0-07-057240-2.
8. I. Aleksander; Artificial Vision for Robots, Korgan Page, 1983, ISBN 0-412-004518.
9. V.V. Alexandrov, N.D. Gorsky; Image Representation and Processing: A

- Recursive Approach, Kluwer, 1993, ISBN 0-7923-2136-7.
10. P.K. Allen; Robotic Object Recognition Using Vision and Touch, KluwerAcademic Publishers, 1987, ISBN 0-89838-245-9.
 11. Y. Aloimonos; Active Perception, Lawrence Erlbaum Associates, 1993, ISBN 0805812903.
 12. Y. Aloimonos; Visual Navigation: From Biological Systems to Unmanned Ground Vehicles, Lawrence Erlbaum Associates, Inc, 1996, ISBN 0805820507.
 13. J. Aloimonos, D. Shulman; Integration of visual modules : an extension of the Marr paradigm, Academic Press, 1989.
 14. M. Amin; Radar for Indoor Monitoring: Detection, Classification, and Assessment, CRC Press, ISBN 9781498781985, 2017.
 15. H.C. Andrews; Computer Techniques in Image Processing, Academic Press, 1970.
 16. H.C. Andrews, B.R. Hunt; Digital Image Restoration, Prentice Hall, 1977.
 17. Y. Amit; 2D object detection and recognition : models, algorithms, and networks, MIT Press, c2002, ISBN 0262011948.
 18. M.A. Arbib, A.R. Hanson; Vision, Brain and Cooperative Computation, The MIT Press, 1990, ISBN 0262510499.
 19. J. Astola, E.R. Dougherty; Mathematical Nonlinear Image Processing, Kluwer, 1992, ISBN 0-7923-9314-7.
 20. J. Atkinson; The Developing Visual Brain, Oxford Univ Press, 2000, ISBN13: 9780198522973, ISBN10: 0198522975.
 21. K.B. Atkinson; Close range photogrammetry and machine vision, Caithness : Whittles, 1996, ISBN 187032546x.
 22. A. Z. Averbuch, P. Neittaanmaki, V. A. Zheludev; Spline and Spline Wavelet Methods with Applications to Signal and Image Processing, Volume II: Non-Periodic Splines, Soringer, 2015, ISBN 978-3-319-22302-5.
 23. N. Ayache; Artificial Vision for Mobile Robots : Stereo Vision and Multi sensory Perception, MIT Press, 1991, ISBN 0-262-01124-7.

24. F. J. Ayres, R. M. Rangayyan, J. E. L. Desautels; Analysis of Oriented Texture with Applications to the Detection of Architectural Distortion in Mammograms, Morgan & Claypool, 2010, ISBN 13: 9781608450299.
25. A. Bab-Hadiashar, D. Suter; Data segmentation and model selection for computer vision, Springer, 2000, ISBN 0387988157.
26. A. Baddeley; Attention: Selection, Awareness, and Control - A Tribute to Donald Broadbent, Oxford Univ Press, 1995, ISBN13: 9780198523741, ISBN10: 0198523742.
27. D. L. Baggio, S. Emami; Mastering OpenCV with Practical Computer Vision Projects, Packt, ISBN 139781849517829, 2012.
28. S. Banik, R. Rangayyan, J.E. L. Desautels; Computer-aided Detection of Architectural Distortion in Prior Mammograms of Interval Cancer, Morgan & Claypool, 2013, ISBN 9781627050838.
29. H. Barlow, C. Blakemore, M. Weston-Smith; Images and Understanding, Cambridge University Press, 1990, ISBN 0-521-36944-4.
30. G.A. Barnes; Digital Image Processing, Wiley, 1994, ISBN .
31. Y. Bar-Shalom, T.E. Fortmann; Tracking and Data Association, Academic Press, New York, 1988.
32. B.G. Batchelor; Intelligent image processing in Prolog : with 131 figures, Springer-Verlag, 1991, ISBN 3540196471.
33. B.G. Batchelor; Pattern Recognition: Ideas in Practice, PlenumPress, 1978.
34. B.G. Batchelor, F. Waltz; Interactive Image Processing for Machine Vision, Springer, 1993.
35. B.G. Batchelor, F.M. Waltz; Intelligent Machine Vision: Techniques, Implementations and Applications, Springer-Verlag UK, 2001, ISBN 3540762248.
36. B.G. Batchelor, D.A. Hill, D.C. Hodgson; Automated Visual Inspection, IFS, 1985, ISBN 0-903608-68-5.
37. G.A. Baxes; Digital Image Processing: Principles and Applications, Wiley, 1994, ISBN 0-471-00949-0.

38. E. Bayro Corrochano; Geometric Computing - for Wavelet Transforms, Robot Vision, Learning, Control and Action, Springer, 2010, ISBN: 978-1-84882-928-2.
39. E. Bayro Corrochano; Geometric Computing for Perception Action Systems, Springer, 2001, ISBN: 0-387-95191-1.
40. J. Beck, B. Hope, A. Rosenfeld; Human and Machine Vision, Academic Press, 1983, ISBN 0-12-084320-x.
41. J. K. Beddow; The Image Analysis Sourcebook, Amer. Univ. Science & Tech Press, 1997, ISBN: 096175317X.
42. A. N. Belbachir (Ed.); Smart Cameras, Springer, 2010, ISBN: 978-1-4419-0952-7.
43. M. Bennamoun, G.J. Mamic; Object Recognition Fundamentals and Case Studies, Springer-Verlag, 2002, ISBN 1-85233-398-7.
44. R. Benosman, S. B. Kang; Panoramic Vision: Sensors, Theory and Applications, Springer-Verlag New York Inc., July 2001, ISBN: 0387951113.
45. G. Berbecel, Digital Image Display: Algorithms and Implementation, John Wiley and Sons, March 2003.
46. M. Bertalmio; Image Processing for Cinema. CRC Press Book/Chapman and Hall, ISBN 9781439899274, 2014.
47. P. Besl; Surfaces in range image understanding, Springer, 1988, ISBN 0-387-96773-7.
48. B. Bhanu, H. Chen; Human Ear Recognition by Computer, Springer, 2008, ISBN 978-1-84800-128-2.
49. B. Bhanu, W. Burger; Qualitative Motion Understanding, Kluwer, 1992.
50. S. Bilan, S. Yuzhakov; Image Processing and Pattern Recognition Based on Parallel Shift Technology, CRC Press, 2018, ISBN 9781138712263.
51. A. del Bimbo; Visual Information Retrieval, Morgan Kaufmann, 1999, ISBN 1-55860-624-6.
52. S. Birchfield; Image Processing and Analysis, Cengage, 2016, ISBN

978-1285179520.

53. C. M. Bishop; Pattern Recognition and Machine Learning, Springer, 2006, ISBN 0-387-31073-8.
54. A. Blake, A. Yuille; Active Vision, MIT Press, 1992, ISBN 0262023512.
55. C. Blakemore; Vision Coding and Efficiency, Cambridge University Press, 1990, ISBN 0-521-44769-0.
56. C. Blakemore, K. Adler, M. Pointon; Vision, Cambridge University Press, 1993, ISBN 9780521447690.
57. D. A. Boas, C. Pitris, N. Ramanujam; Handbook of Biomedical Optics, CRC Press, 2011, ISBN 9781420090369.
58. R. M. Bolle, J. H. Connell, S. Pankanti, N. Ratha, A. W. Senior; Guide to Biometrics, Springer-Verlag New York Inc, December 2003, ISBN: 0387400893.
59. A. Bovik; Handbook of Image and Video Processing, Academic Press, 2000, ISBN 0-12-119790-5.
60. A. C. Bovick, C. W. Chen, D. Goldgof. Advances in Image Processing and Understanding, World Scientific, 2002, 981-238-091-4
61. R. D. Boyle, R. C. Thomas; Computer vision : a first course, Blackwell Scientific, 1988, ISBN 0632015772.
62. K. Bowyer, N. Ahuja, A. Rosenfeld; Advances in Image Understanding: A Festschrift for Azriel Rosenfeld, IEEE Publications, 1996, ISBN 0818676442.
63. K. Bowyer, J. Phillips; Empirical Evaluation Techniques in Computer Vision, IEEE Computer Society Press, ISBN 0818684011.
64. R. N. Bracewell ; Two-dimensional imaging, Prentice-Hall, 1995, ISBN 0-13-062621-X.
65. G. Bradski, A. Kaehler; Learning OpenCV, Computer Vision with the OpenCV Library, O'Reilly Media, 2008, ISBN 978-0596516130.
66. M. Brady; Computer Vision, North Holland Publishing Company, 1981.

67. M. Breuss, A. Bruckstein, P. Maragos (Eds.); *Innovations for Shape Analysis: Models and Algorithms*, Springer, 2013, ISBN 978-3-642-34140-3
68. R. A. Brooks; *Model-based computer vision*, UMI Research Press, 1984.
69. M. J. Brooks, B.K.P. Horn; *Shape from Shading*, MIT Press, 1989, ISBN 0-262-08183-0.
70. C. Brown; *Advances in Computer Vision: Volume 2*, Lawrence Erlbaum Associates, 1988, ISBN 0-08058-0082-1.
71. V. Bruce, P. R. Green; *Visual Perception: Physiology, Psychology and Ecology*, Lawrence Erlbaum Associates, 1990, ISBN 0-86377-146-7.
72. T. Bouwmans, F. Porikli, B. Höferlin, A. Vacavant; *Background Modeling and Foreground Detection for Video Surveillance*, Chapman and Hall/CRC Press, 2015, ISBN 9781482205374.
73. H. Bunke, *Document Image Analysis*, World Scientific, 1994, ISBN: 981-02-2046-4.
74. H. Bunke, J. J. Villanueva, G. Sanchez, X. Otazu (Eds); *Progress in computer vision and image analysis*, World Scientific, August 2009, ISBN: 978-981-283-445-4.
75. W. Burger, M. Burge; *Principles of Digital Image Processing*, Springer, 2009, ISBN: 978-1-84800-190-9.
76. W. Burger, M. J. Burge; *Digitale Bildverarbeitung*, Springer Vieweg, ISBN 978-3-642-04603-2, 2015.
77. J. Byrnes (Ed); *Unexploded Ordnance Detection and Mitigation*, Springer, 2009, ISBN: 978-1-4020-9251-0.
78. G. Camps-Valls, J. L. Rojo-Alvarez, M. Martinez-Ramon; *Kernel Methods in Bioengineering, Signal and Image Processing*, 2007, ISBN: 9781599040424.
79. K. R. Castleman; *Digital Image Processing*, Prentice Hall, 1979.
80. A. E. Cetin, B. Merci, O. Gunay, B. U. Toreyin and S. Verstockt; *Methods and Techniques for Fire Detection*, Elsevier, 2016, ISBN 9780128023990.
81. J. Chaki, N. Dey; *A Beginner's Guide to Image Pre-processing Techniques*,

CRC Press, 2018, ISBN 9781138339316.

82. L. M. Chen; Digital Functions and Data Reconstruction, Springer, 2013, ISBN 978-1-4614-5637-7.
83. A. Cichocki, S.-i. Amari, Adaptive Blind Signal and Image Processing: Learning Algorithms and Applications, John Wiley and Sons, April 2002.
84. J. J. Clark, A.L. Yuille; Data Fusion for Sensory Information Processing Systems, KluwerAcademic, 1990, ISBN 0-7923-9120-9.
85. B. B. Chaudhuri, D. D. Majumder; Two-Tone Image Processing and Recognition, Wiley, 1993.
86. S. Chaudhuri, ed., Super-Resolution Imaging, Kluwer Academic Press, 2001. ISBN 0792374711.
87. B. B. Chaudhuri, S. K. Parui (Eds); Advances in Digital Document Processing and Retrieval, World Scientific Publishing, 2014, ISBN 978-9814368704.
88. C. H. Chen (Ed); Computer Vision in Medical Imaging, World Scientific Publishing, 2013, ISBN 978-9814460934.
89. C. H. Chen, L. F. Pau, P. Wang; Handbook of pattern recognition and computer vision, World Scientific, 1993, ISBN 9810211368.
90. C. H. Chen; Handbook of pattern recognition and computer vision, 5th edition, World Scientific, 2016, ISBN 978-981-4656-52-8.
91. M. Cheriet, N. Khanna, C.-L. Liu, C. Y. Suen; Character Recognition Systems: A Guide for Students and Practitioners, John Wiley & Sons, November 2007, ISBN: 978-0-471-41570-1.
92. F. Chollet; Deep Learning with Python, Manning, 2017, ISBN 9781617294433.
93. H. Christensen, K. Bowyer, H. Bunke; Active Robot Vision: Camera Heads, Model Based Navigation and Reactive Control, World Scientific Publishing, 1993, ISBN 9810213212.
94. H. I. Christensen, P. J. Phillips. Empirical Evaluation Methods in Computer Vision, World Scientific, 2002, ISBN 981-02-4953-5

95. R. Cipolla, A. Pentland; Computer Vision for Human-Machine Interaction, Cambridge University Press, 1998, ISBN 0521622530.
96. G. Citti, A. Sarti (Eds.); Neuromathematics of Vision, Springer, 2014, ISBN 978-3-642-34443-5.
97. J. Civera, A. J. Davison, J. M. M. Martinez; Structure from Motion using the Extended Kalman Filter, Springer, 2012, ISBN 978-3-642-24833-7.
98. M. F. Cohen, J. Wallace, P. Hanrahan; Radiosity and realistic image synthesis, Academic Press Professional, 1993, ISBN 0-12-178270-0.
99. D. Cohen-Or, C. Greif, T. Ju, N. J. Mitra, A. Shamir, O. Sorkine-Hornung, H. Zhang (Eds); A Sampler of Useful Computational Tools for Applied Geometry, Computer Graphics, and Image Processing, CRC Press, 2015, ISBN-13: 978-1498706285.
100. A. J. Colmenarez, Z. Xiong, T. S. Huang; Facial Analysis from Continuous Video with Applications to Human Computer Interface, Kluwer Academic Publishers, March 2004, ISBN: 1402078021.
101. R. G. Congalton, K. Green; Assessing the Accuracy of Remotely Sensed Data: Principles and Practices, CRC Press, 2008, ISBN: 9781420055122.
102. M. Cooper; Line Drawing Interpretation, Springer, 2008, ISBN 978-1-84800-228-9.
103. M. Coriasco, O. Rampado, N. Balossino, S. Rabellino; L'immagine digitale in diagnostica per immagini, Springer, 2013, ISBN 978-88-470-5364-9.
104. A. Criminisi, J. Shotton (Eds.); Decision Forests for Computer Vision and Medical Image Analysis, Springer, ISBN 978-1-4471-4929-3, 2013.
105. B. Cyganek, J. P. Siebert; An Introduction to 3D Computer Vision Techniques and Algorithms, John Wiley and Sons, 2008, ISBN 978-0-470-01704-3.
106. B. Cyganek; Object Detection and Recognition in Digital Images: Theory and Practice, J. Wiley, 2013, ISBN: 978-1-118-61836-3. [Support web site.](#)
107. K. J. Dana; Computational Texture and Patterns: From Textons to Deep Learning, Morgan & Claypool, 2018, ISBN: 9781681732695.
108. R. Dahlhaus, J. Kurths, P. Maass, J. Timmer (Eds.), Mathematical Methods in

Signal Processing and Digital Image Analysis, 2008, ISBN:
978-3-540-75631-6.

109. A. K. Datta, M. Datta, P. K. Banerjee; Face Detection and Recognition: Theory and Practice, Chapman and Hall/CRC, 2015, ISBN 9781482226546.
110. L. S. Davis; Foundations of Image Understanding, Kluwer Academic Publishers, 2001, ISBN 0792374576.
111. M. Daoudi, A. Srivastava, R. Veltkamp (Eds); 3D Face Modeling, Analysis and Recognition, Wiley, 2013, ISBN 978-0-470-66641-8.
112. K. Deguchi, P. K. Ghosh, MATHEMATICS OF SHAPE DESCRIPTION: A Morphological and Set Theoretic Approach, John Wiley and Sons, November 2007.
113. L. Deligiannidis, H. Arabnia; Emerging Trends in Image Processing, Computer Vision and Pattern Recognition, Elsevier, 2014, ISBN 9780128020456.
114. K. Demaagd, A. Oliver, N. Oostendorp, K. Scott; Practical Computer Vision with SimpleCV: The Simple Way to Make Technology See, O'Reilly Media, ISBN: 1449320368, 2012.
115. A. Desolneux, L. Moisan, J-M. Morel, From Gestalt Theory to Image Analysis - A Probabilistic Approach, 2008, ISBN: 978-0-387-72635-9.
116. R. L. DeValois; Spatial Vision, Oxford Univ Press, 1990, ISBN13: 9780195066579, ISBN10: 019506657X.
117. A. Dhawan, Medical Image Analysis, John Wiley and Sons, July 2003.
118. S. J. Dickinson, A. Leonardis, B. Schiele, M. J. Tarr; Object Categorization - Computer And Human Vision Perspectives, Cambridge University Press, 2009, ISBN-13: 978-0521887380.
119. D. G. Dimitriu; A, B, See...in 3D: A Workbook to Improve 3-D Visualization, Morgan & Claypool, ISBN: 9781627058186, 2016.
120. D.B. Diner, D.H. Fender; Human engineering in stereoscopic viewing devices, Plenum Press, 1993, ISBN 0306446677.
121. A. Divakaran (Ed.); Multimedia Content Analysis: Theory and Applications, Springer, 2009, ISBN: 978-0-387-76567-9.

122. W. G. Driscoll, W. Vaughn; Handbook of Optics, McGraw-Hill, 1978.
123. P. C. Dodwell, T. M. Caelli; Figural Synthesis, ErlbaumHillsdale, 1984.
124. E. R. Dougherty; Digital Image Processing Methods, Dekker, 1994.
125. E. R. Dougherty, Random Processes for Image Signal Processing, John Wiley and Sons, October 1998.
126. E. R. Dougherty, J. Astola, Nonlinear Filters for Image Processing, John Wiley and Sons, June 1999.
127. E. R. Dougherty, C.R. Giardina; Matrix Structured Image Processing, Prentice Hall, 1987, ISBN 0135656230.
128. E. R. Dougherty, P. A. Laplante, Introduction to Real-Time Imaging, John Wiley and Sons, October 1995.
129. H. Du Buf, M. M. Bayer, Automatic Diatom Identification, 2002, ISBN: 981-02-4886-5.
130. R. O. Duda and P. E. Hart; Pattern Classification and Scene Analysis, John Wiley and Sons, 1973, ISBN 0471223611.
131. M. J. B. Duff, S. Levialdi; Languages and Architectures for Image Processing, Academic Press, 1981, ISBN 0-12-223320-4.
132. T. Dunstone, N. Yager; Biometric System and Data Analysis, Springer, 2009, ISBN 978-0-387-77625-5.
133. H. F. Durrant-Whyte; Integration, Coordination and Control of Multi-Sensor Robot Systems, Kluwer Academic Publishers, 1990, ISBN 0-89838-247-5.
134. M. Ebner; [Color Constancy](#), John Wiley, 2007, ISBN 0470058293.
135. P. Ekman; What the Face Reveals: Basic and Applied Studies of Spontaneous Expression Using the Facial Action Coding System (FACS), Oxford Univ Press, 1998, ISBN13: 9780195104479, ISBN10: 0195104471.
136. A. El-Baz, G. Gimel'farb, J. S. Suri; Stochastic Modeling for Medical Image Analysis, CRC Press, 2015, ISBN 9781466599079.
137. A. M. T. Elewa (Ed.); Morphometrics for Nonmorphometricians, Springer,

2010, ISBN 978-3-540-95852-9.

138. A. Endert; Semantic Interaction for Visual Analytics, Morgan & Claypool Publishers, 2016, ISBN: 9781627054713.
139. T. Etienne, R. M. Kirby, C. T. Silva; An Introduction to Verification of Visualization Techniques, Morgan & Claypool, 2015, ISBN 9781627058339.
140. A.D. Evers, R.P. Withey, Home-Grown Cereals Authority; Improving grain presentation for predicting flour yield by image analysis, Home-Grown Cereals Authority, 1989.
141. M. Fahle; The Neuropsychology of Vision, Oxford Univ Press, 2003, ISBN13: 9780198505822, ISBN10: 0198505825.
142. M. Fairchild; Color Appearance Models, Prentice-Hall, 1988, ISBN 0-201-63464-3.
143. M.C. Fairhurst; Computer vision for robotic systems : an introduction, Prentice Hall, 1988, ISBN 0131669192.
144. T.J. Fan; Describing and Recognising 3-D Objects using Surface Properties, Springer-Verlag, 1990, ISBN 0-387-97179-3.
145. M.J. Farah; Visual Agnosia, 2nd Edition, MIT Press, 2004, ISBN 0-262-06135-x.
146. M.J. Farah; The Cognitive Neuroscience of Vision. Blackwell's Publishers, 2000.
147. H. Farid; Photo Forensics, MIT Press, 2016, ISBN 9780262035347.
148. O. Faugeras ; Fundamentals in Computer Vision, Cambridge University Press, 1983, ISBN 0521250994.
149. O. Faugeras; Three-Dimensional Computer Vision, MIT Press, 1993, ISBN 0-262-06158-9.
150. O. Faugeras, Q.T. Luong, T. Papadopoulo; The Geometry of Multiple Images: The Laws That Govern the Formation of Multiple Images of a Scene and Some of Their Applications, The MIT Press, 2001, ISBN 0262562049.
151. M. Felsberg; Probabilistic and Biologically Inspired Feature Representations, Morgan & Claypool, 2018, ISBN: 9781681733661.

152. L. Feng, M. Olivo, S-Y. Kung (Eds); Biomedical Imaging, Springer, 2009, ISBN: 978-1-4419-1165-0.
153. M. A Fiddy, R. S. Ritter; Introduction to Imaging from Scattered Fields, 2014, CRC Press, ISBN 9781466569584.
154. R. D. Fiete; Modeling the Imaging Chain of Digital Cameras, SPIE, 2010, ISBN: 9780819483393.
155. M.A. Fischler; Readings in Computer Vision: Issues Problems Principles and Paradigms, Morgan Kaufmann, 1987, ISBN 0-934613-33-8.
156. M.M. Fleck, D. Stevenson; Computer Vision Handbook, Harvey Mudd, 1997.
157. D. J. Fleet; Measurement of Image Velocity, Kluwer Academic Publishers, Norwell, MA, USA, 1992, ISBN:0792391985.
158. W. Forstner, L. Plumer; Semantic Modelling for the Acquisition of Topographic Information from Images and Maps: SMATI 97, Birkhauser Verlag AG, 1997, ISBN 3764357584.
159. H. Freeman; Machine Vision for Three Dimensional Scenes, Academic Press, 1990, ISBN 0-12-266722-0.
160. H. Freeman; Machine Vision for Inspection and Measurement, Academic Press, 1988, ISBN 0-12-266719-0.
161. A. C. Frery, T. Perciano; Introduction to Image Processing Using R, Springer, ISBN 978-1-4471-4950-7, 2013.
162. R.M. Friedhoff, M.S. Peercy; Visual Computing, Scientific American Library, 2000, ISBN 0-7167-5059-7.
163. J. P. Frisby; Seeing: Illusion, Brain and Mind, Oxford University Press, 1979, ISBN 0192176722.
164. J. P. Frisby, J. V. Stone; Seeing: The Computational Approach to Biological Vision, MIT Press, Second Edition, 2010, ISBN 978-0-262-51427-9.
165. K. S. Fu; Applications of Pattern Recognition, CRC Press, 1982.
166. K. S. Fu; Digital Pattern Recognition, Springer-Verlag, 1976.

167. K.S. Fu, T. Ichikawa; Special Computer Architectures for Pattern Processing, CRC Press, 1982.
168. K. Fukunaga; Introduction to Statistical Pattern Recognition, Academic Press, 1990, ISBN 0-12-269851-7.
169. L.J. Galbiati; Machine Vision and Digital Image Processing Fundamentals, Prentice Hall, 1990, ISBN 0-13-542044-x.
170. L.J. Galbiati; Machine vision and digital image processing fundamentals, Prentice Hall, 1990, ISBN 013542044x.
171. Z. X. Gan, Q. Tang; Visual Sensing and its Applications - Integration of Laser Sensors to Industrial Robots, Springer, 2011, ISBN 978-3-642-18286-0.
172. G. Gao, C. H. Liu; Video Cataloguing: Structure Parsing and Content Extraction, CRC Press, 2015, ISBN 9781482235777.
173. G. B. Garcia, O. D. Suarez, J. L. Espinosa Aranda, J. S. Tercero, I. S. Gracia; Learning Image Processing with OpenCV, Packt Publishing, 2015, ISBN 1783287659.
174. R. J. Gardner; Geometric Tomography, Cambridge University Press, 1995, ISBN-13: 9780521451260, ISBN-10: 0521451264.
175. K. R. Gegenfurtner, L. T. Sharpe (Eds); Color Vision, Cambridge University Press, 2000, ISBN 9780521590532.
176. T. Gevers, A. Gijsenij, J. van de Weijer, J.-M. Geusebroek; Color in Computer Vision: Fundamentals and Applications, John Wiley, 2012, ISBN 978-0-470-89084-4..
177. J.J. Gibson; Perception of the visual world, Houghton Mifflin, Boston, 1950.
178. J.J. Gibson; The senses considered as perceptual systems, Houghton Mifflin, Boston, 1966.
179. J.J. Gibson; The ecological approach to visual perception, Houghton Mifflin, Boston, 1979.
180. G Gimel'farb, P. Delmas; Image Processing and Analysis: A Primer, World Scientific Europe, ISBN 978-1-78634-581-3, 2018.

181. E.B. Goldstein; Sensation and Perception, Wadsworth, 1989, ISBN 0-534-09672-7.
182. F. A. Gonzalez, E. Romero; Biomedical Image Analysis and Machine Learning Technologies: Applications and Techniques, IGI Global, 2010, ISBN: 9781605669564.
183. R. C. Gonzalez, M. G. Thomason; Syntactic Pattern Recognition: An Introduction, Addison-Wesley, 1978.
184. M. A. Goodale; Sight Unseen: An Exploration of Conscious and Unconscious Vision, Oxford Univ Press, 2005, ISBN13: 9780198568070, ISBN10: 019856807X.
185. E. Gose, S. Jost; Pattern Recognition and Image Analysis, Prentice Hall, 1996, ISBN 0-13-236415-8.
186. I. E. Gordon; Theories of Visual Perception, Wiley, 1997, ISBN 0471968250.
187. G.H. Granlund, H. Knutsson; Signal Processing for Computer Vision, Kluwer, 1995, ISBN 0-7923-9530-1.
188. W. B. Green; Digital Image Processing: A Systems Approach, Van Nostrand-Reinhold, 1982.
189. P. Green, L. MacDonald (Eds.). Colour Engineering, Wiley, 2003. ISBN 0-471-48688-4.
190. R. Gregory; Mirrors in Mind, W.H Freeman and Company, 1997, ISBN 0-7167-4511-9.
191. W. E. L. Grimson; From Images To Surfaces: A Computational Study of the Early Human Visual System, MIT Press, 1981, ISBN 0-26207083-9.
192. W. E. L. Grimson; Object Recognition By Computer : The Role of Geometric Constrains, MIT Press, 1990, ISBN 0-262-07130-4.
193. A. Gruen, T.S. Huang; Calibration and orientation of cameras in computer vision, Springer, 2001, ISBN 3540652833.
194. G. Guidi, J.-A. Beraldin; Acquisizione 3D e modellazione poligonale - Dall'oggetto fisico alla suo calco digitale, ISBN: 88-87981-53-1, Publisher: Poli.Design, Milan, 2004.

195. H. Guo; Modern Mathematics and Applications in Computer Graphics and Vision, World Scientific Publishing, 2014, 978-9814449328.
196. E.L. Hall; Computer Image Processing and Recognition, Academic Press, 1979.
197. S. Handel; Perceptual Coherence: Hearing and Seeing, Oxford Univ Press, 2006, ISBN13: 9780195169652, ISBN10: 0195169654.
198. A. Hanjalic; Content-based Analysis Of Digital Video, Kluwer Academic Publishers, Boston, August 2004, ISBN: 1402081146.
199. A. Hanson & E. Riseman (Eds.); Computer Vision Systems, Academic Press: New York, 1978, ISBN 0123235502.
200. R.M. Haralick, L.G. Shapiro; Computer and Robot Vision, Addison-Wesley, 1992, ISBN 0201569434.
201. K. Harding; Handbook of Optical Dimensional Metrology, 2013, CRC Press, ISBN 9781439854815.
202. L. Harris, M. Jenkin; Spatial Vision in Humans and Robots, Press Syndicate of the University of Cambridge, 1993, ISBN 0-521-43071-2.
203. L. R. Harris, M. R. M. Jenkin (Eds); Computational Vision in Neural and Machine Systems, Cambridge University Press, 2007, ISBN 9780521862608.
204. Y. He, Q. Weng; High Spatial Resolution Remote Sensing: Data, Analysis, and Applications, CRC Press, ISBN 9781498767682,2018.
205. F. Helmchen, A. Konnerth (Eds); Imaging in Neuroscience: A Laboratory Manual, Cold Spring Harbor Laboratory Press, 2011, ISBN 978-0-879699-37-6.
206. W. R. Hendee, P.N.T. Wells; Perception of Visual Information, Springer-Verlag Berlin and Heidelberg GmbH and Co. KG, 1993, ISBN 3540979042.
207. W. J. Heng, K. N. Ngan. Digital Video Transition Analysis and Detection, World Scientific, 2003, 981-238-185-6
208. J. Herault; Vision: Images, Signals and Neural Networks Models of Neural Processing in Visual Perception, World Scientific, 2010, ISBN-13

9789814273688.

209. E. Hildreth; The Measurement of Visual Motion, MIT Press, 1984, ISBN 0262081431.
210. C. Hoffman, R. Driggers; Encyclopedia of Optical and Photonic Engineering, CRC Press, 2015, ISBN 9781439850978.
211. S. Hoggar, Mathematics of Digital Images, Cambridge University Press, 2005, ISBN-10: 0521780292.
212. J. Hollingham; Machine Vision; The Eyes of Automation, IFS, 1984, ISBN 0-903608-78-2.
213. G. C. Holst; CCD Arrays, Cameras, and Displays, Second Edition, SPIE-International Society for Optical Engineering, 2011, ISBN: 9780819486530.
214. G. C. Holst; Common Sense Approach To Thermal Imaging, SPIE, 2000, ISBN 0819437220.
215. G. C. Holst; Electro-Optical Imaging System Performance, JCD Publishing Co. and SPIE Press, 1995, ISBN 0-9640000-1-6.
216. G. C. Holst; Testing and Evaluation of Infrared Imaging Systems, 0-9640000-0-8, JCD Publishing, 1998, ISBN 0964000008.
217. R.M. Hord; Digital Image Processing of Remotely Sensed Data, Academic Press, 1982.
218. A. Hornberg, Handbook of machine vision, John Wiley and Sons, 2006, ISBN: 3-527-40584-4.
219. I. Hotz, T. Schultz (Eds.); Visualization and Processing of Higher Order Descriptors for Multi-Valued Data, Springer International Publishing, ISBN 978-3-319-15090-1, 2015.
220. I. P. Howard, B. J. Rogers; Binocular Vision and Stereopsis (Oxford Psychology S.), Oxford University Press Inc, 1996, ISBN 0195084764.
221. J. Howse; OpenCV for Secret Agents, Packt Publishing, ISBN10 1783287373, 2015.
222. T. Huang (Ed); Image Sequence Analysis, Springer-Verlag, 1981, ISBN 3-540-10919-6

223. J. J. Hull, Document Analysis Systems II, World Scientific, 1998, ISBN: 981-02-3103-2.
224. Glyn W. Humphreys; Understanding Vision: An Interdisciplinary Perspective, Blackwell Publishers, 1992, ISBN 0631179097.
225. K. A. Hunt; The art of Image Processing with Java, CRC Press, 2010, ISBN 978-1-56881-717-0.
226. C. Hurter; Image Based Visualization: Interactive Multidimensional Data Exploration, Morgan & Claypool, 2016, ISBN: 9781627057585.
227. K. Ikeuchi, D. Miyazaki (Eds.); Digitally Archiving Cultural Objects, 2008, ISBN: 978-0-387-75806-0.
228. K. Ikeuchi, Y. Sato; Modeling from reality, Kluwer Academic Publishers, 2001, ISBN 0792375157.
229. K. Ikeuchi, M.M. Veloso; Symbolic Visual Learning, Oxford University Press, 1997, ISBN 0195098706.
230. B. Jahne; Digital Image Processing: Concepts, Algorithms, and Scientific Applications, Springer-Verlag, 1995, ISBN 3-540-59298-9.
231. B. Jahne; Practical Handbook on Image Processing for Scientific Applications, CRC Press, 1997, ISBN 0-8493-8906-2.
232. B. Jahne, H. Haussecker, P. Geissler; Handbook of Computer Vision and Applications, Academic Press, 1999, ISBN 0123797705.
233. B. Jahne, H. Haussecker; Computer Vision and Applications: A Guide for Students and Practitioners, Academic Press, 2000, ISBN 0123797772.
234. A. K. Jain; Fundamentals of Digital Image Processing, Prentice-Hall, 1989, ISBN 0-13-332578-4.
235. A. Jaklic, A. Leonardis, F. Solina; Segmentation and Recovery of Superquadrics, Kluwer Academic Publishers; 2000, ISBN: 0792366018.
236. O. Javed, M. Shah; Automated Multi-Camera Surveillance: Algorithms and Practice; Springer, International Series in Video Computing, Vol. 10, 2008, ISBN: 978-0-387-78880-7.

237. B. Javidi, F. Okano, J-Y. Son; Three-Dimensional Imaging, Visualization, and Display, Springer, 2009, ISBN 978-0-387-79334-4.
238. M. R. M. Jenkin; Seeing Spatial Form, Oxford Univ Press, 2005, ISBN13: 9780195172881, ISBN10: 0195172884.
239. H. Jeong; Architectures for Computer Vision, Wiley, 2014, ISBN 111865918X.
240. J. Jerald; The VR Book: Human-Centered Design for Virtual Reality, Morgan & Claypool, 2015, ISBN: 9781970001129.
241. I. H. Jermyn, S. Kurttek, H. Laga, A. Srivastava; Elastic Shape Analysis of Three-Dimensional Objects, Morgan Claypool, 2017, ISBN: 9781681730271.
242. I. Kabir; High Performance Computer Imaging, Manning/ Prentice Hall, 1996, ISBN 0-13-268301-6.
243. T. Kanade; Three-dimensional machine vision, Kluwer Academic Publishers, 1987, ISBN 0898381886.
244. K. Kanatani; Geometric Computation for Machine Vision, Clarendon Press, 1993, ISBN 019856385X.
245. K. Kanatani; Understanding Geometric Algebra: Hamilton, Grasmann, and Clifford for Computer Vision and Graphics, CRC Press, 2015, ISBN 9781482259506.
246. I. Kanellopoulos, G.G. Wilkinson, T. Moons; Machine Vision and Advanced Image Processing in Remote Sensing, Springer-Verlag Berlin and Heidelberg GmbH and Co. K, 1999, ISBN 3540655719.
247. H. R. Kang; Computational Color Technology, SPIE, 2006, ISBN: 9780819461193.
248. S. B. Kang, L. Quan; Image-Based Modeling of Plants and Trees, Synthesis Lectures on Computer Vision, Jan 2009, Vol. 1, No. 1, Pages 1-83, Morgan & Claypool, doi:10.2200/S00205ED1V01Y200911COV001.
249. S. Keane, J. Hall, P. Perry; Meet the Kinect An Introduction to Programming Natural User Interfaces, 2011, ISBN 978-1-4302-3888-1.
250. S. Khan, H. Rahmani, S. A. A. Shah, M. Bennamoun; A Guide to

Convolutional Neural Networks for Computer Vision, Morgan Claypool, 2018, ISBN: 9781681732787.

251. Y. Kim, S. C. Horii; Handbook of Medical Imaging, Volume 3. Display and PACS; SPIE Press Monograph, 2000.
252. R. Kimmel; Numerical Geometry of Images, Springer-Verlag New York Inc., 2003, ISBN 0387955623.
253. J. M. Kinser; Image Operators: Image Processing in Python, CRC Press, 2018, ISBN 9781498796187.
254. S. Kiranyaz, M. Gabbouj; Content-Based Management of Multimedia Databases, Lambert Academic Publishing, 2012, ISBN-13: 978-3-8484-8560-4.
255. J. J. Koenderink; Solid Shape, MIT Press, 1990, ISBN 0-262-11139-X.
256. S. K. Kopparapu, U.B. Desai; Bayesian approach to image interpretation, Kluwer Academic Publishers, 2001, ISBN 0792373723.
257. O. Korotkova; Random Light Beams: Theory and Applications, 2013, CRC Press, ISBN 9781439819500.
258. A. Koschan, M. A. Abidi, Digital Color Image Processing, John Wiley and Sons, February 2008.
259. S. Krig; Computer Vision Metrics, Springer, 2014, ISBN 978-1-4302-5929-9.
260. H. Krim, A. Yezzi (Eds), Statistics and Analysis of Shapes, Birkhauser, 2006, ISBN: 0-8176-4376-1.
261. E.P. Krotkov; Active computer vision by cooperative focus and stereo, Springer-Verlag, New York, 1989, ISBN 3540971033.
262. J. A. Kubby; Adaptive Optics for Biological Imaging, 2013, CRC Press, ISBN 9781439850183.
263. A.D. Kulkarni; Computer Vision and Fuzzy-Neural Systems, Prentice-Hall, 2001, ISBN 0135705991.
264. A. Kumar, F. Shaik; Image Processing in Diabetic Related Causes, Springer-Verlag Singapur, ISBN 978-981-287-624-9, 2016.

265. T. Kuroda; Essential Principles of Image Sensors, CRC Press, 2014, ISBN 9781482220056.
266. H. Laga, Y. Guo, H. Tabia, R. B. Fisher, M. Bennamoun; 3D Shape Analysis: Fundamentals, Theory, and Applications, John Wiley & Sons, ISBN: 978-1-119-40510-8, 2019.
267. R. Laganiere; OpenCV Computer Vision Application Programming Cookbook (2nd Edition), Packt Pub, 2014, ISBN 139781782161486.
268. M.S. Landy; Exploratory Vision: The Active Eye, Springer-Verlag New York Inc, 1996, ISBN 0387945636.
269. L.J. Latecki; Discrete Representation of Spatial Objects in Computer Vision, Kluwer Academic, 1998, ISBN 0-7923-4912-1.
270. S. Levialdi, V. Cantoni, V. Roberto; Artificial Vision: Image Description, Recognition and Communication (Signal Processing S.), Academic Press, 1996, ISBN 012444816X.
271. O. Lezoray, L. Grady; Image Processing and Analysis with Graphs: Theory and Practice, CRC Press, 2017, ISBN 9781138071766.
272. M. D. Levine; Vision in Man and Machine, McGraw-Hill, 1995.
273. O. Lezoray, L. Grady; Image Processing and Analysis with Graphs: Theory and Practice, CRC Press, 2012, ISBN: 9781439855072.
274. S. Z. Li; Markov Random Field Modeling in Image Analysis, Springer, 3rd ed., 2009, ISBN: 978-1-84800-278-4.
275. S. Z. Li (Ed.); Encyclopedia of Biometrics, Springer, 2009, ISBN: 978-0-387-73002-8.
276. S. Z. Li, A. Jain (Eds.); Encyclopedia of Biometrics, Springer US, ISBN 978-1-4899-7487-7, 2015.
277. Z. Li; Understanding Vision: theory, models, and data, Oxford University Press, [Book support site](#), 2014, ISBN 978-0-19-956466-8.
278. T. M. Lillesand, R. W. Kiefer, J. W. Chipman, Remote Sensing and Image Interpretation, 5th Edition, John Wiley and Sons, September 2003.
279. C. A. Lindley; Practical Image Processing in C, Wiley, 1991.

280. S. Liu, L. Li, J. Tang, S. Wu, J.-L. Gaudiot; Creating Autonomous Vehicle Systems, Morgan & Claypool, ISBN:9781681732435, 2017.
281. A. A. Low; Introductory Computer Vision and Image Processing, McGraw Hill, 1991, ISBN 0-07-707403-3.
282. D. G. Lowe; Perceptual Organization and Visual Recognition, Kluwer Academic, 1985, ISBN 089838172X.
283. T. Luhmann, Stuart Robson, Stephen Kyle, Ian Harley; Close Range Photogrammetry, Principles, Methods and Applications, Whittles Publishing, 2006, ISBN 1870325508.
284. R. Lukac; Perceptual Digital Imaging: Methods and Applications, CRC Press, 2017, ISBN 9781138077409.
285. R. Luo (Ed.); Encyclopedia of Color Science and Technology, Springer, 2016; ISBN 978-1-4419-8070-0.
286. D. M. Lyons; Cluster Computing for Robotics and Computer Vision, World Scientific, 2011, ISBN 978-981-283-635-9.
287. L. MacDonald, M. R. Luo (Eds), Colour Image Science: Exploiting Digital Media, John Wiley and Sons, June 2002.
288. J. C. McGlone (Ed.); Manual of photogrammetry (5th edition), Published by the American Society for Photogrammetry and Remote Sensing, 2004, ISBN 1-57083-071-1, 1151p.
289. Z. Ma; Artificial Intelligence for Maximizing Content Based Image Retrieval, IGI-Global, 2009, ISBN13: 9781605661742.
290. D. Malacara; Color Vision and Colorimetry: Theory and Applications, Second Edition, SPIE, 2011, ISBN: 9780819483973.
291. A. S. Malik, T. S. Choi, H. Nisar; Depth Map and 3D Imaging Applications: Algorithms and Technologies, IGI Global, 2012, ISBN13: 978-1-61350-326-3.
292. F. T. Marchese; Understanding Images: Finding Meaning in Digital Imagery, Springer, 1995, ISBN 0387941487.
293. S. Marchand-Maillet, Y.M. Sharaiha; Binary Digital Image Processing: A

Discrete Approach, Academic Press, 1999, ISBN 0-12-470505-7.

294. J. C. Martins, L. A. Sousa; Bioelectronic Vision: Retina Models, Evaluation Metrics, and System Design, World Scientific, 2009, ISBN: 978-981-279-430-7.
295. P. M. Mather, Computer Processing of Remotely-Sensed Images: An Introduction, 3rd Edition, John Wiley and Sons, April 2004.
296. S. Mann; Intelligent Image Processing, Wiley-IEEE Press, 2001, ISBN 0-471-40637-6.
297. D. Marr; Vision: a computational investigation into the human representation and processing of visual information, MIT Press, 2010, ISBN-13 978-0-262-51462-0.
298. A. D. Marshall, R. R. Martin; Computer Vision, Models and Inspection, World Scientific, Singapore, 1992.
299. T. Masters; Signal and Image Processing with Neural Networks : a C++ source book, John Wiley and Sons, 1993, ISBN 0-471-04963-8.
300. T. Matsuyama, V.S.S. Hwang; Sigma: A Knowledge Based Aerial Image Understanding System, Plenum Press, 1990, ISBN 0-306-43301-x.
301. R. Mausfeld; Colour Perception: Mind and the Physical World, Oxford Univ Press, 2004, ISBN13: 9780198505006, ISBN10: 0198505000.
302. S. Maybank; Theory of Reconstruction from Image Motion (Springer Series in Information Sciences S.), Springer-Verlag Berlin and Heidelberg GmbH and Co. K, 1992, ISBN 3540555374.
303. J.D. McCafferty; Human and Machine Vision: Computing Perceptual Organisation (Ellis Horwood Series in Digital and Signal Processing), Ellis Horwood, 1990, ISBN 0134453964.
304. G. Medioni, S.B. Kang; Emerging Topics in Computer Vision, Prentice-Hall, 2004, ISBN 0-13-101366-1 .
305. G. Medioni, M.S. Lee, C.K. Tang; A computational framework for segmentation and grouping, Elsevier, 2000, ISBN 0444503536.
306. D. Mery; Computer Vision for X-Ray Testing, Springer International Publishing, ISBN 978-3-319-20746-9, 2015.

307. A. Meyer-Baese; Pattern Recognition in Medical Imaging, Academic Press, Incorporated, 2003, ISBN 0124932908.
308. A. Meyer-Baese, V. Schmid; Pattern Recognition and Signal Analysis in Medical Imaging, 2nd edition, Elsevier, 2014, ISBN 9780124095458.
309. E. M. Mikhail, J. S. Bethel, J. C. McGlone, Introduction to Modern Photogrammetry, John Wiley and Sons, April 2001.
310. A. D. Milner; The Visual Brain in Action, Oxford Univ Press, 1996, ISBN13: 9780198524083, ISBN10: 0198524080.
311. H. Q. Minh, V. Murino; Covariances in Computer Vision and Machine Learning, Morgan & Claypool, 2017, ISBN: 9781681730134.
312. M. Mirmehdi, X. Xie, J. Suri; Handbook of Texture Analysis, Imperial College Press, 2008, ISBN 978-1-84816-115-3.
313. A. Mitiche; Computational analysis of visual motion, Plenum, 1994, ISBN 030644786x.
314. F. Mokhtarian, M. Bober; Curvature Scale Space Representation: Theory, Applications, and MPEG-7 Standardization, Springer, Computational Imaging and Vision Series, Vol. 25, 2003, ISBN: 1-4020-1233-0.
315. S. Mori, H. Nishida, H. Yamada, Optical Character Recognition, John Wiley and Sons, April 1999, ISBN: 978-0-471-30819-5.
316. T. Morris; Computer Vision and Image Processing (Cornerstones of Computing), Palgrave Macmillan, 2003, ISBN 0333994515.
317. D. Mou; Machine-based Intelligent Face Recognition, Springer, 2010, ISBN: 978-3-642-00750-7.
318. M. Mrak, M. Grgic, M. Kunt (Eds.); High-Quality Visual Experience, Springer Signals and Communication Technology, Vol. 0, 2010, ISBN: 978-3-642-12801-1.
319. J. Mukhopadhyay; Image and Video Processing in the Compressed Domain, CRC Press, 2018, ISBN 9781138113787.
320. R. Mukundan and K.R. Ramakrishnan; Moment Functions in Image Analysis - Theory and Applications, World Scientific Publishing, 1998, ISBN

981-02-3524-0.

321. D.W. Murray, B.F. Buxton; Experiments in the machine interpretation of visual motion, MIT Press, 1990.
322. H.R. Myler; Fundamentals of Machine Vision, SPIE Society of Photo-Optical Instrumentation Engineering, 1999, ISBN 0819430498.
323. H.H. Nagel; Digitale Bildverarbeitung / Digital Image Processing, Springer-Verlag, 1977.
324. V.S. Nalwa; A Guided Tour of Computer Vision, Addison Wesley, 1993, ISBN 0-201-54853-4.
325. A. Nawrat, Z. Kus (Eds.); Vision Based Systems for UAV Applications, Springer, 2013, ISBN 978-3-319-00368-9.
326. A. K. Nayak and A. Chiranjeev; Computer Vision, New Delhi, Jnanada Prakashan (P & D), 2010, ISBN: 9788171393619.
327. S.K. Nayar, T. Poggio; Early visual learning, Oxford University Press, 1996, ISBN 0195095227.
328. S. A. C. Nelson, S. Khorram; Image Processing and Data Analysis with ERDAS IMAGINE, CRC Press, ISBN 9781138034983.
329. W. Niblack; An Introduction to Digital Image Processing, Prentice Hall, 1986.
330. F. Nilsson; Intelligent Network Video: Understanding Modern Video Surveillance Systems, CRC Press, 2008, ISBN 9781420061567.
331. A.V. Oppenheim; Applications of Digital Signal Processing, Prentice Hall, 1978.
332. M. Nixon, A. Aguado; Feature Extractions & Image Processing for Computer Vision, 3rd edition, Elsevier, 2012, ISBN 9780123965493.
333. M. S. Nixon, T. Tan. R. Chellapa. Human identification based on gait. Springer 2006. ISBN 0-387-24424-7.
334. A.V. Oppenheim; Symbolic and Knowledge-Based Signal Processing, Prentice Hall, 1992.

335. G. A. Orban, H. H. Hagel; Artificial and biological vision systems, Springer-Verlag, New York, 1992, ISBN 0387560122.
336. D.N. Osherson, S.M. Kosslyn, John M. Hollerbach; Visual Cognition and Action, MIT Press, 1990, ISBN 0-262-65034-7.
337. O. Ozkaya, G. Yillikci; Arduino Computer Vision Programming, Packt Publishing, 2015, ISBN: 9781783552627.
338. A. Pajankar; Raspberry Pi Computer Vision Programming, Packt Publishing, ISBN 9781784398286, 2015..
339. S. K. Pal, J. F. Peters; Rough Fuzzy Image Analysis: Foundations and Methodologies, CRC Press, 2017, ISBN 9781138116238.
340. S.E. Palmer ; Vision Science: Photons to Phenomenology, Bradford Books, 1999, ISBN 0262161834.
341. J.-S. Pan, H.-C. Huang, L. C. Jain; Intelligent Watermarking Techniques, World Scientific, ISBN 978-981-238-757-8, 2004.
342. J.R. Parker; Algorithms for image processing and computer vision, Wiley Computer Publishers, New York, 1997, ISBN 0471140562.
343. J. R. Parker; Practical Computer Vision Using C, Wiley, 1993, ISBN 0-471-59262-5.
344. V. M. Patel, R. Chellappa; Sparse Representations and Compressive Sensing for Imaging and Vision, Springer, ISBN 978-1-4614-6380-1, 2013
345. U. C. Pati (Ed); 3-D Surface Geometry and Reconstruction, IGI Global, 2012, ISBN13: 9781466601130.
346. L.F. Pau, M. Pietikainen; Machine Vision for Advanced Production (Series in Machine Perception and Artificial Intelligence), World Scientific Publishing, 1996, ISBN 9810225261.
347. T. Pavlidis; Algorithms for Graphics and Image Processing, Computer Science Press, 1982.
348. T. Pavlidis; Structural Pattern Recognition, Springer, 1977.
349. E. Pekalska, R.P.W. Duin; The Dissimilarity Representation for Pattern Recognition: Foundations and Applications, World Scientific, 2007, ISBN

978-981-256-530-3.

350. A. P. Pentland; From Pixels to Predicates: Recent Advances in Computational and Robot Vision, Ablex Publishing Corporation, 1986, ISBN 0-89391-237-9.
351. C. Perwass; Geometric Algebra with Applications in Engineering, Springer, 2009, ISBN: 978-3-540-89067-6.
352. L. Pessoa; Filling-In - From Perceptual Completion to Cortical Reorganization, Oxford Univ Press, 2003, ISBN13: 9780195140132, ISBN10: 0195140133.
353. J. F. Peters; Topology of Digital Images, Springer, 2014, ISBN 978-3-642-53844-5.
354. M. A. Peterson; Perception of Faces, Objects, and Scenes: Analytic and Holistic Processes, Oxford Univ Press, 2003, ISBN13: 9780195165388, ISBN10: 0195165381.
355. J. Petitot, R. Doursat; Cognitive Morphodynamics, Peter Lang, 2011, ISBN 978-3-0343-0475-7.
356. M. Petrou, P. Bosdogianni; Image Processing: The Fundamentals, John Wiley and Sons, 1999.
357. M. Petrou, P. Garcia Sevilla; Image Processing: Dealing with Texture, J. Wiley, 2006, ISBN 0-470-026268-6.
358. M. Petrou, C. Petrou; Image Processing: The Fundamentals, 2nd Ed., Wiley, 2010, ISBN: 978-0-470-74586-1.
359. O. S. Pianykh; Digital Imaging and Communications in Medicine (DICOM), Springer, 2012, ISBN 978-3-642-10849-5.
360. M. K. Pietikainen; Texture Analysis in Machine Vision, World Scientific Publishing, 2000, ISBN 9810243731.
361. G. Pirlo, D. Impedovo, M. Fairhurst (Eds); Advances in Digital Handwritten Signature Processing, World Scientific, 2014, ISBN: 978-981-4579-62-9.
362. I. Pitas; Digital Video and Television, self-published, 2013, ISBN-13: 978-9609156448.

363. I. Pitas, Digital Image Processing Algorithms and Applications, John Wiley and Sons, March 2000.
364. I. Pitas; Digital Image Processing Algorithms, Prentice Hall, 1993, ISBN 0131458140.
365. I. Pitas; Parallel Algorithms: for Digital Image Processing Computer Vision and Neural Networks, Wiley and Sons, 1993, ISBN 0-471-93566-2.
366. I. Pitas, N. Nikolaidis; 3-D Image Processing Algorithms, John Wiley and Sons, 2000, ISBN 0471377368.
367. I. Pitas; Digital Video and Television, Createspace/Amazon, ISBN-13: 978-9609156448, 2013.
368. Z. Pizlo, Y. Li, T. Sawada, R. M. Steinman; Making a Machine That Sees Like Us, Oxford Univ. Press, ISBN: 9780199922543, 2014.
369. Z. Pizlo; 3D Shape - Its Unique Place in Visual Perception, MIT Press, 2008, ISBN-13: 978-0-262-16251-7.
370. T. Plotz, G. A. Fink; Markov Models for Handwriting Recognition, Springer, 2011, ISBN 978-1-4471-2187-9.
371. W.K. Pratt; Digital image processing, John Wiley and Sons, Inc, 1978/2007, ISBN 0471018880.
372. A. Polanski, M. Kimmel; Bioinformatics, Springer, 2007, ISBN: 978-3-540-24166-9.
373. M. Pomplun; Hands-On Computer Vision, World Scientific, 2016, ISBN: 978-981-4571-96-8.
374. W. K. Pratt; PIKS Foundation C Programmer's Guide, Manning Publications, 1995, ISBN 0-13-172339-1.
375. B. Preim, C. Botha; Visual Computing for Medicine, Elsevier, 2013, ISBN 9780124158733.
376. A. Pugh; Robot Vision, IFS, 1983, ISBN 0-903608-32-4.
377. L. Puig, J. J. Guerrero; Omnidirectional Vision Systems, Springer, ISBN 978-1-4471-4946-0, 2013

378. R. Qahwaji, R. Green, E. L. Hines; Applied Signal and Image Processing: Multidisciplinary Advancements, IGI Global, 2011, ISBN13: 9781609604776.
379. P. Qiu, Image Processing and Jump Regression Analysis, John Wiley and Sons, February 2005.
380. S. Rana; Topological Data Structures for Surfaces: An Introduction to Geographical Information Science, Wiley, 2004, ISBN 0-470-85151-1.
381. R. Rangayyan, S. Banik, R. M. Rangayyan, G. S. Boag; Landmarking and Segmentation of 3D CT Images, Morgan & Claypool, 2009, ISBN 9781598292848.
382. R. M. Rangayyan, B. Acha, C. Serrano; Color Image Processing with Biomedical Applications, SPIE, 2011, ISBN: 9780819485649.
383. N. Ratha, V. Govindaraju, (ed.s); Advances in Biometrics - Sensors, Algorithms, and Systems, Springer, 2008, ISBN: 978-1-84628-920-0.
384. E. Reinhard, G. Ward, S. Pattanaik, P. E. Debevec; High Dynamic Range Imaging: Acquisition, Display, and Image-Based Lighting. The Morgan Kaufmann Series in Computer Graphics, Elsevier, 2006, ISBN: 0-12-585263-0.
385. E. Reinhard, E. A. Khan, A. O. Akyuz, G. M. Johnson; Color Imaging: Fundamentals and Applications, A K Peters/CRC Press, 2008, ISBN 1568813449.
386. F. Remondino, D. Stoppa (Eds.); TOF Range-Imaging Cameras, Springer, 2013, ISBN 978-3-642-27522-7
387. J. A. Richards; Remote Sensing with Imaging Radar, Springer, 2009, ISBN: 978-3-642-02019-3.
388. G. X. Ritter, J. N. Wilson; Handbook of Computer Vision Algorithms in Image Algebra, CRC Press, 2nd edition, 2000, ISBN 0849300754.
389. I. Rock; Perception, Scientific American Books, 1984, ISBN 0-7167-5001-5.
390. I. Rock; Indirect Perception, MIT Press, 1997, ISBN 0-262-18177-0.
391. R. Rodriguez; Fundamentos de la Vision por computadora, ???, 2005.

392. M. C. Roggemann, B. M. Welsh, B. R. Hunt; *Imaging Through Turbulence*, 1996, CRC Press, ISBN 9780849337871.
393. K. Rohr, *Landmark-Based Image Analysis -- Using Geometric and Intensity Models*, Kluwer Academic Publishers, Dordrecht Boston London 2001, ISBN 0-7923-6751-0.
394. E. Rolls, G. Deco; *Computational Neuroscience of Vision*, Oxford University Press, 2002, ISBN 0-19-852489-7.
395. B. M. Romeny; *Geometry-Driven Diffusion in Computer Vision*, Kluwer Academic, 1994, ISBN 0-7923-3087-0.
396. A. Rosenfeld; *Digital Picture Analysis*, Springer-Verlag, 1976.
397. A. Rosenfeld; *Picture Processing by Computer*, Academic Press, 1969.
398. A. Rosenfeld; *Picture Languages*, Academic Press, 1979, ISBN 0-12-597340-3.
399. A. Rosenfeld; *Techniques for 3D Machine Perception*, Elsevier, 1986, ISBN 0-444-87901-3.
400. A. Rosenfeld, A.C. Kak; *Digital Picture Processing*, Academic Press, Inc., 1982, ISBN 0125973020.
401. C.A. Rothwell; *Object Recognition through Invariant Indexing*, Oxford University Press, 1995, ISBN 0198565127.
402. K. Rottwitt, P. Tidemand-Lichtenberg; *Nonlinear Optics: Principles and Applications*, CRC Press, 2014, ISBN 9781466565821.
403. A. K. Roy-Chowdhury, B. Song; *Camera Networks: The Acquisition and Analysis of Videos over Wide Areas*, 2012.
404. J. C. Russ; *The Image Processing Handbook*, CRC Press, 2002, ISBN 084931142X.
405. M. Rusinol, J. Lladss; *Symbol Spotting in Digital Libraries*, Springer, 2010, ISBN: 978-1-84996-207-0.
406. J. Russ, J. C. Russ; *Introduction to Image Processing and Analysis*, CRC Press, 2007, ISBN: 9780849370731.

407. P. Saha, G. Borgefors G. Sanniti di Baja; Skeletonization: Theory, Methods, and Applications, Academic Press, 2017, ISBN: 9780081012918.
408. J. Sanchez, M.P. Canton; Space Image Processing, CRC Press, 1999, ISBN 0-8493-3113-7.
409. D. Sankowski, J. Nowakowski; Computer Vision in Robotics and Industrial Applications, World Scientific, 2014, ISBN: 978-981-4583-71-8.
410. G. Santini, D. Vernon; Parallel Computer Vision: Vis a Vis - A Virtual Image System (Ellis Horwood Series in Artificial Intelligence), Ellis Horwood, 1991, ISBN 0139327169.
411. J. L. C. Sanz; Advances in Machine Vision, Springer-Verlag Berlin and Heidelberg GmbH and Co. KG, 1988, ISBN 3540968229.
412. J. L. Sanz; Image Technology: Advances in Image Processing, Multimedia and Machine Vision, Springer-Verlag Berlin and Heidelberg GmbH and Co. K, 1996, ISBN 3540583068.
413. J. L. Santos, F. Farahi; Handbook of Optical Sensors, CRC Press, 2014, ISBN 9781439866856.
414. M. Sarkar, A. Theuwissen; A Biologically Inspired CMOS Image Sensor, Springer, ISBN 978-3-642-34901-0, 2013.
415. S. Sarkar, K. L. Boyer; Computing perceptual organization in computer vision, World Scientific, 1994, ISBN 981021832x.
416. R. J. Schalkoff ; Digital Image Processing and Computer Vision, John Wiley and Sons, 1989, ISBN 0-471-50536-6.
417. G. L. Scott; Local and global interpretation of moving images, Pitman, 1988, ISBN 0273087843.
418. J. Serra; Image Analysis and Mathematical Morphology, Academic Press, NewYork, 1982.
419. S. A. Shafer ; Shadows and Silhouettes in Computer Vision, Kluwer International Publishers, 1985, ISBN 0-89838-167-3.
420. M. Shah, R. Kumar; Video Registration, Kluwer Academic Publishers, May 2003, ISBN: 1402074603.

421. L. G. Shapiro, A. Rosenfeld ; Computer Vision and Image Processing, Academic Press, 1992.
422. L. G. Shapiro, G.C. Stockman; Computer vision, Prentice Hall, 2001, ISBN 0130307963.
423. L. S. Shapiro; Affine analysis of image sequences, Cambridge University Press, 1995, ISBN 0521550637.
424. F. Y. Shih; Digital Watermarking and Steganography: Fundamentals and Techniques, CRC Press, 2008, ISBN 9781420047578.
425. M. Shimada; Imaging from Spaceborne and Airborne SARs, Calibration, and Applications, CRC Press, 2018, ISBN 9781138197053.
426. Y. Shirai; Three-Dimensional Computer Vision (Symbolic Computation), Springer-Verlag Berlin and Heidelberg GmbH and Co. K, 1987, ISBN 3540151192.
427. K. K. Shukla, A. K. Tiwari; Efficient Algorithms for Discrete Wavelet Transform, Springer, ISBN 978-1-4471-4941-5, 2013.
428. L. Silva, Robust Range Image Registration Using Genetic Algorithms, World Scientific, 2004, ISBN: 981-256-108-0.
429. D. Song; Sharing a Vision - Systems and Algorithms for Collaboratively-Teleoperated Robotic Cameras, Springer, 2009, ISBN 978-3-540-88064-6.
430. P. Soille; Morphological Image Analysis: Principles and Applications, Springer, 2004.
431. J. Solomon; Numerical Algorithms: Methods for Computer Vision, Machine Learning, and Graphics, CRC Press, 2015, ISBN 9781482251883.
432. M. Sonka, J. M. Fitzpatrick; Handbook of Medical Imaging, Volume 2. Medical Image Processing and Analysis; SPIE Press Monograph, 2000.
433. M. V. Srinivasan, S. Venkatesh; From living eyes to seeing machines, Oxford University Press, 1997, ISBN 0198577850.
434. J.-L. Starck, F. Murtagh, J. M. Fadili; Sparse Image and Signal Processing, Cambridge University Press, 2010, ISBN 978-0521119139.
435. L. Stark, K. Bowyer; Generic object recognition using form and function,

World Scientific, 1996, ISBN 9810215088.

436. H. Stark, Y. Yang, *Vector Space Projections: A Numerical Approach to Signal and Image Processing, Neural Nets, and Optics*, John Wiley and Sons, March 1998.
437. T. Stathaki; *Image Fusion*, Elsevier, 2008, ISBN 9780123725295.
438. M. R. Stevens, J.R. Beveridge; *Integrating Graphics and Vision for Object Recognition*, Kluwer Academic Publishers, 2001, ISBN 0-7923-7207-7.
439. O. D. Suarez, M. del Milagro Fernandez Carrobles, N. Vallez Enano, G. Bueno Garcia, I. Serrano Gracia, J. A Paton Incertis, J. Salido Tercero; *OpenCV Essentials*, Packt Publishing, 2014, ISBN 1783984244.
440. M. Subbarao; *Interpretation of Visual Motion : A Computational Study*, Pitman, 1988, ISBN 0-273-08792-4.
441. S. Suganthan; *Stained Glass Digital Image Processing*, VDM Verlag Dr. Muller, ISBN/EAN 9783639184860, 2009.
442. P. Sumathy, P. Shanmugavadivu, A. Vadivel; *Image Retrieval and Analysis Using Text and Fuzzy Shape Features: Emerging Research and Opportunities*, IGI Global, ISBN: 9781522537960; 2018.
443. J. S. Suri, S. V. Sree, K.-H. Ng, R. M. Rangayyan (Eds); *Diagnostic and Therapeutic Applications of Breast Imaging*. SPIE Publications, ISBN: 9780819487896, 2012.
444. Y. Y. Tang; *Wavelet Theory Approach to Pattern Recognition*, World Scientific, 2009, ISBN: 978-981-4273-95-4.
445. S. L. Tanimoto; *An Interdisciplinary Introduction to Image Processing: Pixels, Numbers, and Programs*, MIT Press, 2012, ISBN-13: 978-0-262-01716-9.
446. S. Tanimoto, A. Klinger; *Structured Computer Vision - Machine Perception Through Hierarchical Computation Structures*, Academic Press, 1980, ISBN 0-12-683280-3.
447. M. J. Tarr, H.H. Bulthoff; *Object recognition in man, monkey, and machine*, MIT Press, 1998, ISBN 0262700700.
448. A. M. Tekalp; *Digital Video Processing*, Prentice-Hall, 1995, ISBN

0-13-190075-7.

449. D. Terzopoulos, C. M. Brown (Eds); Real-Time Computer Vision, Cambridge University Press, 1995, ISBN 9780521472784.
450. J. Teuber; Digital Image Processing, Prentice Hall, 1993, ISBN 0-13-213364-4.
451. S. Theodoridis, K. Koutroumbas; Pattern Recognition, 3rd edition, Academic Press, 2006. ISBN 0-12-369531-7. Also: S. Theodoridis, A. Pikrakis, K. Koutroumbas, D. Cavouras; Introduction to Pattern Recognition: A Matlab Approach, Elsevier, 2010 ISBN 978-0-12-374486-9.
452. J. Tian (Ed.); Molecular Imaging, Springer, ISBN 978-3-642-34302-5, 2013.
453. T. Tishko, T. Dmitry, T. Vladimir; Holographic Microscopy of Phase Microscopic Objects, World Scientific, 2016, ISBN 978-981-4289-54-2.
454. F. Tomita, S. Tsuji; Computer analysis of visual textures, Kluwer Academic, 1990, ISBN 0792391144.
455. W. Thompson, R. Fleming, S. Creen-Regehr, J. K. Stefanucci; Visual Perception from a computer graphics perspective, CRC Press, 2011, ISBN 978-1-56881-465-0.
456. C. Torras; Computer Vision, Theory and Industrial Applications, Springer, 1992.
457. E. Trucco, A. Verri; Introductory Techniques for 3-D Computer Vision, Prentice Hall, 1998, ISBN 0-13-261108-2.
458. M. Turk, G. Hua; Vision-Based Interaction, Morgan & Claypool, 2013, ISBN: 9781608452415.
459. D. Tsveter; Pattern Recognition Basis of Artificial Intelligence, CS Press, 1998, ISBN 0-8186-7796-1.
460. S. Ullman ; High-Level Vision: Object Recognition and Visual Cognition, MIT Press, 1996, ISBN 0262210134.
461. S. Ullman; The Interpretation of Visual Motion, MIT Press, 1979, ISBN 0-262-71011-0.
462. S. Ullman, W. Richards (Eds.); Image Understanding, Ablex, Norwood,

N.J.,1984.

463. S. E. Umbaugh; Computer Vision and Image Processing : A Practical Approach using CVIPtools, Prentice Hall, 1998, ISBN 0-13-790882-2.
464. S. E. Umbaugh; Digital Image Processing and Analysis: Applications with MATLAB® and CVIPtools, Third Edition, CRC Press, 2017, ISBN 9781498766029.
465. F. van der Heijden, Image Based Measurement Systems: Object Recognition and Parameter Estimation, John Wiley and Sons, November 1994.
466. P. A. van der Helm; Simplicity in Vision, Cambridge University Press, 2015, ISBN 9781316502839.
467. A. VanderLugt, Optical Signal Processing, John Wiley and Sons, 2005, ISBN: 0-471-74532-4.
468. R. L. Van Metter, J. Beutel, H. L. Kundel; Handbook of Medical Imaging, Volume 1. Physics and Psychophysics; SPIE Press Monograph, 2000.
469. C. J. van Rijsbergen; The Geometry of Information Retrieval, Cambridge Univ Press, 2004, ISBN 0-521-83805-3.
470. N. Van Surdam Graham; Visual Pattern Analyzers, Oxford Univ. Press, 2001, ISBN13: 9780195148350, ISBN10: 0195148355.
471. M. de Vega; Models of Visuospatial Cognition, Oxford Univ Press, 1996, ISBN13: 9780195100853 ISBN10: 0195100859.
472. L. Velho, A. C. Frery, J. Gomes; Image Processing for Computer Graphics and Vision, Springer, 2009, ISBN: 978-1-84800-192-3.
473. R. Venkatesan, B. Li; Convolutional Neural Networks in Visual Computing: A Concise Guide, CRC Press, 2017, ISBN 9781138747951.
474. B. Verma, M. Blumenstein; Pattern recognition techniques technology and applications, Information Science Reference, 2008, ISBN13: 9781599048079.
475. L. A. Vese, C. Le Guyader; Variational Methods in Image Processing, CRC Press, 2015, ISBN 9781439849736.

476. E. Vicario; Image Description and Retrieval, Plenum Publishing, 1999, ISBN 0-306-45925-6.
477. B. V. K. Vijaya Kumar, A. Mahalanobis, R. D. Juday; Correlation Pattern Recognition, Cambridge Univ. Press, 2005, ISBN-13: 9780521571036, ISBN-10: 0521571030.
478. F. Vital-Durand; Infant Vision, Oxford Univ Press, 1996, ISBN13: 9780198523161, ISBN10: 0198523165.
479. T. Vo-Dinh; Biomedical Photonics Handbook, Second Edition: Biomedical Diagnostics, CRC Press, 2014, ISBN 9781420085143.
480. G. Vosselman, H.-G. Maas; Airborne and Terrestrial Laser Scanning, Whittles Publishing, 2010, ISBN 978-1904445-87-6.
481. N. J. Wade, and B. W. Tatler; The Moving Tablet of the Eye: The Origins of Modern Eye Movement Research. Oxford: Oxford University Press, 2005. ISBN 0198566166 (Hbk.), 0198566174 (Pbk.).
482. N. Wade; The Art and Science of Visual Illusions. London: Routledge & Kegan Paul, 1982.
483. N. J. Wade (Ed.); Brewster and Wheatstone on Vision. London: Academic Press, 1993.
484. N. Wade; Visual Allusions: Pictures of Perception. London: Lawrence Erlbaum, 1990.
485. N. J. Wade and M. Swanston; Visual Perception: An Introduction. London: Routledge, 1991.
486. N. J. Wade; A Natural History of Vision. Cambridge, MA: MIT Press, 1998.
487. N. J. Wade (Ed.); Helmholtz's Treatise on Physiological Optics. 3 vols. Bristol: Thoemmes Press, 2000.
488. N. J. Wade and Swanston, M.; Visual Perception: An Introduction. 2nd edition. London: Psychology Press, 2001.
489. N. J. Wade; Perception and Illusion. Historical Perspectives. New York: Springer, 2005.
490. B. A. Wandell; Foundations of Vision, Sinauer Associates, 1995, ISBN

0-87893-853-2.

491. J. Wang, J. Cheng. S. Jiang; Computer Vision for Multimedia Applications: Methods and Solutions, IGI Global, 2011, ISBN13: 9781609600242.
492. L. Wang, C. Zhao; Hyperspectral Image Processing, Springer-Verlag, ISBN 978-3-662-47456-3, 2016.
493. M. Wang, C.-H. Lai; A Concise Introduction to Image Processing using C++, Chapman & Hall/CRC, 2008, ISBN: 9781584888970.
494. P. S. P. Wang (Ed), Intelligent Chinese Language Pattern and Speech Processing, World Scientific, 1988.
495. P. S. P. Wang (Ed), Character and Handwriting Recognition - Expanding Frontiers, World Scientific, 1991.
496. P. S. P. Wang, Parallel Image analysis and Processing, World Scientific, 1994, ISBN: 9810218664.
497. P. S. Wang (Ed.); Pattern Recognition, Machine Intelligence and Biometrics, Springer, 2011, ISBN 978-3-642-22406-5.
498. C. D. Watkins, A. Sadun, S. R. Marenka; Modern Image Processing: Warping, Morphing and Classical Techniques, Academic Press, 1993, ISBN 0-12-737860-X.
499. A. B. Watson; Digital images and human vision, MIT Press, 1993.
500. A. Watt, F. Policarpo; The computer image, Addison-Wesley, 1998, ISBN 0201422980.
501. R. J. Watt; Understanding Vision, Academic Press, 1991, ISBN 0-12-738500-2.
502. R. J. Watt; Visual Processing : Computational, Psychophysical and Cognitive Research, Lawrence Erlbaum, 1988, ISBN 0-86377-081-9.
503. J. Wayman, A. Jain, D. Maltoni, D. Maio; Biometric Systems: Technology, Design and Performance Evaluation, Springer-Verlag UK, October 2002, ISBN: 1852335963.
504. H. Wechsler; Reliable Face Recognition Methods, Springer, 2007, ISBN: 978-0-387-22372-8.

505. H. Wechsler; *Computational Vision*, Academic Press, 1990.
506. H. Wechsler, J. Phillips; *Face Recognition: From Theory to Applications*, Springer-Verlag Berlin and Heidelberg GmbH and Co. K, 1998, ISBN 3540644105.
507. A. R. Weeks, Jr., *Fundamentals of Electronic Image Processing*, John Wiley and Sons, January 1996.
508. P. F. Whelan, D. Molloy; *Machine vision algorithms in Java: techniques and implementation*, Springer, 2001, ISBN 1852332182.
509. Q. Weng; *Remote Sensing Time Series Image Processing*, CRC Press, ISBN 9781138054592, 2018.
510. A. B. Whinston, K.S. Fu; *Pattern Recognition Theory and Application*, Noordhoff-Leyden, 1977.
511. R. A. White, A. Coltekin, and R. R. Hoffman; *Remote Sensing and Cognition: Human Factors in Image Interpretation*, CRC Press, ISBN 9781498781565, 2018.
512. G. Winkler; *Image Analysis, Random Fields, and Dynamic Monte Carlo Methods: A Mathematical Introduction*, Springer, 1995, ISBN 3-540-44213-8.
513. S. Winkler, *Digital Video Quality: Vision Models and Metrics*, John Wiley and Sons, 2005, ISBN: 0-470-02404-6.
514. P. R. Wolf, B. de-Witt; *Elements of Photogrammetry*, McGraw-Hill Education, 1983, ISBN 0072924543.
515. J. Woodwark; *Geometric Reasoning*, Clarendon Press, 1989, ISBN 0198537387.
516. J. Woods; *Multidimensional Signal, Image, and Video Processing and Coding*, Elsevier, 2011, ISBN 9780123814203.
517. G. Xu, Z. Zhang; *Epipolar geometry in stereo, motion, and object recognition : a unified approach*, Kluwer Academic Publishers, 1996, ISBN 0792341996.
518. S. N. Yanuschkevich, M. L. Gavrilova, P. S. P. Wang, S. N. Srihari; *Image*

Pattern Recognition: Synthesis and Analysis in Biometrics, World Scientific, 2006, ISBN: 981-25-6908-1.

519. S. N. Yanushkevich, A. Stoica, V. P. Shmerko, D. V. Popel; Biometric Inverse Problems, CRC Press, ISBN-13: 9780849328992.
520. K. Yoon, S.-K. Kim, J. J. Han, S. Han, M. Preda; MPEG-V. Bridging the Virtual and Real World, Elsevier, 2015, ISBN 9780124201408.
521. T. Yoshizawa; Handbook of Optical Metrology: Principles and Applications, Second Edition, CRC Press, 2015, ISBN 9781466573598.
522. T. Y. Young; Handbook of Pattern Recognition and Image Processing: Computer Vision v. 2, Academic Press, 1994, ISBN 0127745610.
523. F. Yu, Z. Lu, H. Luo, P. Wang; Three-Dimensional Model Analysis and Processing, Jointly published Springer and Zhejiang University Press, 2010, ISBN: 978-3-642-12650-5.
524. Z. Zalevsky, P. Livshits, E. Gur; New Approaches to Image Processing, Elsevier, 2014, ISBN 9780323241434.
525. S. Zeki; A Vision of the Brain, Blackwell Scientific, 1993, ISBN 0-6352-03054-2.
526. D. Zhang, X.-Y. Jing, J. Yang; Biometric Image Discrimination Technologies, 2006, ISBN: 9781591408307.
527. D. Zhang, W. Zuo; Medical Biometrics: Computerized TCM Data Analysis, World Scientific Publishing, 2014, ISBN 978-9814397247.
528. D. D. Zhang, Palmprint Authentication, Kluwer Academic, 2004, ISBN: 1-4020-8096-4.
529. J. Zhang, L. Shao, L. Zhang, G. A. Jones (Eds.); Intelligent Video Event Analysis and Understanding, Springer, 2010, ISBN: 978-3-642-17553-4.
530. S. Zhang; Handbook of 3D Machine Vision: Optical Metrology and Imaging, CRC Press, 2013, ISBN 9781439872192.
531. S. Zhang; High-Speed 3D Imaging with Digital Fringe Projection Techniques, CRC Press, 2016, ISBN 9781482234336.
532. Y.-J. Zhang (Ed), Advances in Image and Video Segmentation, IRM Press,

2006, ISBN: 1-59140-753-2.

533. Z. Y. Zhang, O. Faugeras; 3D Dynamic Scene Analysis: A Stereo Based Approach (Springer Series in Information Sciences S.), Springer-Verlag Berlin and Heidelberg GmbH and Co. K, 1992, ISBN 3540554297.
534. J. Zhou, X. Bai, T. Caelli (Eds); Computer Vision and Pattern Recognition in Environmental Informatics, IGI Global, SBN13: 9781466694354, 2015.
535. M. Zhou, G. Geng, Z. Wu; Digital Preservation Technology for Cultural Heritage, Springer, 2012, ISBN 978-3-642-28098-6.
536. S. K. Zhou; Medical Image Recognition, Segmentation and Parsing, Elsevier, 2015, ISBN 9780128025819.
537. X. S. Zhou, Y. Rui, T. S. Huang; Exploration of visual data, Kluwer Academic Publishers, 2003, ISBN 1402075693.
538. N. Zuech, R. K. Miller; Machine Vision, Fairmont Press, 1987.

[Return to CVentry top level](#)

For corrections/additions please email Bob Fisher at : rbf@inf.ed.ac.uk

Date of last change to this page: 03/30/2019 16:55:43



© 2019 Robert Fisher