

Použitá literatura

- [Digi17] DIGITAL CAMERA SENSORS, Bayer array, Cambridge in Colour A LEARNING COMMUNITY FOR PHOTOGRAPHERS online zdroj:
<http://www.cambridgeincolour.com/tutorials/camera-sensors.htm>
- [Cann86] Canny, J., A Computational Approach to Edge Detection, IEEE Transactions on Pattern Analysis and Machine Intelligence, Volume: PAMI-8, Issue: 6, Nov. 1986,
- [CAR06] CARANDINI, M. What simple and complex cells compute. In Physiological Society. 2006, p. 463-466. Dostupné na internete: <<http://www.cns.nyu.edu/~tony/Publications/carandini-2006-perspective.pdf>>.
- [DAU85] DAUGMAN, J. Uncertainty Relation for Resolution in Space, Spatial Frequency, and Orientation Optimized by Two-Dimensional Visual Cortical Filters. In Journal of Optical Society America. 1985, vol. 2, no. 7, p. 1160-1169. Dostupné na internete: <<http://cns-web.bu.edu/~yazdan/pdf/Daugman1985Uncertainty.pdf>>.
- [Furt97] Furth, B., Greenberg, J., Westwater, R. *Motion Estimation algorithms for Video Compression*. Kluwer Academic Publishers, 1997. 164 s. ISBN 0-7923-9793-2
- [FuMu81] Fu, K., S. a Mu, J., K.: A Survey on Image Segmentation, Pattern Recognition, 1981, Vol. 13, pp. 3-16
- [GAB46] GABOR, D. Theory of Communication. In JIEE. 1946, vol. 93, no. 26, p. 429-457. Dostupné na internete: <<http://www.granularsynthesis.com/pdf/gabor.pdf>>.
- [Gau99] Gauch, J.M.: Image Segmentation and Analysis via Multiscale Gradient Watershed Hierarchies, IEEE Trans. on Image Processing, Vol. 8, No. 1, January 1999, pp. 69-79
- [Ghan99] Ghanbari, M. *Video Coding : An Introduction to Standard Codecs*. London : IEE, 1999. 272 s. ISBN 0-85296-762-4.
- [GoWi87] Gonzalez, R., C., Wintz, P. *Digital Image Processing*. 2. vyd. Reading : Addison-Wesley Publishing Company, 1987. 522 s. ISBN 0-201-11026-1.
- [GoWo92] Gonzalez, R., C., Woods, R., E. *Digital Image Processing*. Reading : Addison-Wesley Publishing Company, 1992. 732 s. ISBN 0-201-50803-6.
- [Hlav16] HLAVAČ, V. Matematická morfologie. [online] Praha : České vysoké učení technické. <http://cmp.felk.cvut.cz/~hlavac/TeachPresCz/11DigZprObr/713MatMorpholBinCz.pdf>.
- [Hero00] HERODOTOU N., PLATATONIS K.N., VENETSANOPULOS A. N. Image Processing Techniques for Multimedia Processing. CRC Press, Boca Raton, Florida, September 2000, pp. 97-127, ISBN 0-8493-3492-6.
- [HaSh73] Haralick, R., M., Shanmugam, K., Dinstein, I.: Texture features for image classification, IEEE Trans. on Sys. Man and Cybernetics, SMC-3, 1973, pp. 610-621
- [HoKi98] Hojjatoleslami, S.A., Kittler, J.: Region Growing: A New Approach, IEEE Transactions on Image Processing, Vol. 7, No. 7, July 1998, pp. 1079-1084

- [Kill86] Kittler, J. a Illingworth, J.: Minimum Error Thresholding, Pattern Recognition, 1986, Vol.19, No.1, pp.41-47
- [KRU99] Kruizinga, P. - Petkov N. Non-linear operator for oriented texture. In IEEE Trans. on Image Processing. ISSN 1057-7149, 1999, vol. 8, no. 10, p. 1395-1407. Dostupné na internete: <<http://www.cs.rug.nl/~petkov/publications/ieee-tip1999.pdf>>
- [Kuos95] P. Kuosmanen and J. Astola (1995) "Soft Morphological Filtering", Journal of Mathematical Imaging and Vision, 5 (3): 231-262.
- [Lim90] Lim, J., S. *Two-Dimensional Signal and Image Processing*. New Jersey : PRENTICE-HALL, 1990. 694 s. ISBN 0-13-934563-9.
- [Otsu79] Otsu, N.: A Thresholding Selection Method for Grey-Level Histograms, IEEE Trans. on Sys., Man and Cybernetics, Jan.1979, Vol. SMC-9, No.1, pp.62-66
- [OJA02] LÓPEZ, L. Local Binary Patterns applied to Face Detection and Recognition. Universitat Politècnica de Catalunya, 2010, p. 146. Dostupné na internete: <[http://upcommons.upc.edu/bitstream/handle/2099.1/10772/PFC_LauraSanchez_\(LBP_applied_to_FaceDetection&Recognition\).pdf](http://upcommons.upc.edu/bitstream/handle/2099.1/10772/PFC_LauraSanchez_(LBP_applied_to_FaceDetection&Recognition).pdf)>
- [PaPo02] Pavlovičová, J., Polec, J., Partyk, M.: Číslíkové spracovanie obrazu, Vydavateľstvo STU, Bratislava 2002, CD-ROM, ISBN 80-227-1791-6
- [Pratt01] Pratt, W., K. *Digital Image Processing*. 3.vyd. NY: John Wiley & Sons, Inc., 2001. 735 s. ISBN 0-471-37407-5
- [RUS05] RUST, N. - MOVSHON, A. In praise of artifice. In Nature Neuroscience. 2005, vol. 8, no. 12, p. 1647-1650. Dostupné na internete: <<http://www.allpsych.uni-giessen.de/rauisch08/readings/rust-movshon-2005.pdf>>.
- [Scha89] Schalkoff, R.J.: Digital Image Processing and Computer Vision, John Wiley & Sons, Inc., Singapore, 1989
- [SoHB99] Sonka, M., Hlavac, V., Boyle, R.: Image Processing, Analysis and Machine Vision, Brooks/Cole Publishing Comp., 2nd.ed., ISBN 0-534-95393-X, USA, 1999
- [Sob87] Sobotka, Z.: Počítačová analýza a rozpoznávaní obrazu, SNTL, Praha, 1987
- [Šiku11] ŠIKUDOVÁ, E. – ČERNEKOVÁ, Z. – BENEŠOVÁ, V. – HALADOVÁ, Z. – KUČEROVÁ, J. 2011. Počítačové videnie. Detekcia a rozpoznávanie objektov. Praha : Vydavateľstvo Wikina, 2011. 397 s. ISBN: 978-80-87925-06-5. s 11.
- [Šon92] Šonka, M.: Image Segmentation, Description and Interpretation, Eusenada, Baja California, april 1992
- [TsSh93] Tseng, D., Ch. a Shieh, W., S.: Plume Extraction Using Entropic Thresholding and Region Growing, Pattern Recognition, 1993 Vol.26, No.5, pp.805-817
- [YiWo98] Yiwu Lei, Kok Cheong Wong, *Ellipse detection based on symmetry*, Nanyang Technological University, Singapore, January 1998, Pattern Recognition Letters 20 (1999) 41-47

