

Referências

- [ALBUS, E. et al. (2001)] ALBUS, E., KOCALAR, E., and KHOKHAR, A. (2001). Scalable Color Image Indexing and Retrieval using Vector Wavelets. IEEE Transaction on Knowledge and Data Engineering, 13(5):851-861.
- [ANDRADE, S. S. (2003)]. ANDRADE, S. S. (2003). Reconhecimento de Faces com PCA e Redes Neurais. (2003).
- [BEYMER, D. J. (1996)] BEYMER, D. J. (1996). Face recognition under varying pose, IEEE Proceedings and Pattern Classification. J.Math. Anal. Appl., 1996.
- [BISHOP, C. M. (1996)] BISHOP, C. M. (1996). Neural Networks for Pattern Recognition, 2 ed. Oxford University Press Inc. – Bookcraft Ltd, Walton Street, Oxford OX2 6DP, New York, 1996.
- [BOLLE, R. M. et al. (2001)] BOLLE, R. M.; CONNELL, J. H. and RATHA, N. K. (2001). Biometric perfils and patches. Elsevier Science Ltd. Pattern Recognition Society. (October 2001), 1-12.
- [BRADSHAW, B. (2000)] BRADSHAW, B. (2000). Semantic Based Image Retrieval: A Probabilistic Approach. ACM Multimidea, pages 167-176.
- [CHAMP, P. (1994)] CHAMP, P. (1994). Reverse engineering in industrial applications using laser stripe triangulation. In Coloquium: 3D Imaging and Analysis for Depth/Range Images 4, IEEE Eletronics Division ,March of 1994, 1-4.
- [CHELLAPA, R. et al. (1995)] CHELLAPA, R.; WILSON, C.L. and SIROHEY, S. (1995). Human and machine recognition of faces: A survey. Proceedings of the IEEE 83,5 ,May of 1995, 703-740.
- [CHEN, F. C. et al. (2003)] CHEN, F. C.; TSENG S. Y.; CHE Y. C. (2003). Combination of PCA and Wavelet Transforms for Face Recognition on 2.5D Images.
- [CHOI, M.S. & KIM, W.Y. (2000)] CHOI, M.S. and KIM, W.Y. (2000). A novel two stage template matching method for rotation and illumination invariance. Pattern Recognition. Published by Elsevier Science Ltd (2000), 119-129.

[CONNEL, S. D. & JAIN, A. K. (2001)] CONNEL, S. D. ; JAIN, A. K. (2001). Template-based online character recognition. Pattern Recognition Society. Published by Elsevier Science Ltd (2001), 1-14.

[DAUBECHIES, I. (1990)] DAUBECHIES, I. (1990). The Wavelet Transform, Time Frequency Localization, and Signal Analysis. IEEE Transactions on Information Theory, 36(5):961-1005.

[DAUBECHIES, I. (1992)] DAUBECHIES, I. (1992). Ten Lectures on Wavelets , volume 61. CBMS-NSF Regional Conference Series in Applied Mathematics, Rutgers University and AT&T Bell Laboratories.

[DAVIS, G. M. & NOSRATINIA, A. (1998)] DAVIS, G. M. and NOSRATINIA, A. (1998). Wavelet-Based Image Coding: An Overview. Applied and Computational Control, Signals, and Circuits, 1(44):205-269.

[DO, M. N. et al. (1999)] DO, M. N.; AYER, S.; VETTERLI, V. (1999), Invariant Image Retrieval using Wavelet Maxima Moment, Proc. of 3th International Conference on Visual Information and Information System.

[DUNTEMAN, H. G. (1989)] DUNTEMAN, H. G. (1989). Principal Component Analysis. Series: Quantitative Applications in the Social Sciences. A Sage University Paper.

[FU, K. S. (1983)] FU, K. S. (1983). A step towards unification of syntactic and statistical pattern recognition. IEEE Trans Pattern Analysis and Machine Intelligence 5,2 ,March of 1983, 200-205.

[GARCIA, C. et al. (1998)] GARCIA C.; ZIKOS, G.; TZIRITAS, G. (1998). Wavelet Packet Analysis for Face Recognition.

[GARCIA,C. et al. (1990)] GARCIA, C.; ZIKOS, G.; TZIRITAS, G. (1990). Face Detection in Color Images using wavelet packet analysis.

[GOMEZ, J. et al. (1997)] GOMEZ, J., VELHO, L., and GOLDENSTEIN, S. (1997). Wavelets: Teoria , Software e Aplicações. 21 Colóquio Brasileiro de Matemática, Instituto de Matemática Pura e Aplicada , Rio Janeiro – Brasil.

[GONZALEZ, R. C. & WOODS, R. E. (1992)] GONZALEZ, R. C. and WOODS, R. E. (1992). Digital Image Processing. Addison-Wesley Publishing Company, Inc., 1992.

[GROHMAN, W. M. & DHAWAN, A. P. (2001)] GROHMAN, W. M. and DHAWAN, A. P. (2001). Fuzzy convex set-based pattern classification for analysis of mammographic microcalcifications. Elsevier Science on behalf of Pattern Recognition Society, 34 (2001), 1469-1482.

[GRÖNROOS, M. A. (1998)] GRÖNROOS, M. A. (1998). Evolutionary design of neural networks. Master Thesis, University of Turku, 1998.

[GROSSMANN, A. & MORLET, J. (1984)] GROSSMANN, A. and MORLET, J. (1984). Decomposition of Hardy Function into Square Integrable Wavelets of Constant Shape. *SIAM, Journal of Mathematical Analysis*, 15(4):723-736.

[GUTTMAN, A. (1984)] GUTTMAN, A. (1984). R-Trees: A Dynamic Index Structure for Spatial Searching. *Proceeding of International Conference on Data Management (ACM-SIGMOD)*, Boston, MA, pages 47-57.

[HALLINAN,P. L. et al. (1999)] HALLINAN,P. L.; GORDON, G. G.; YUILLE, A. L. and MUMFORD D. (1999). Two- and Three- Dimensional Patterns of the Face. *A K Peters, Ltd*, 1999.

[HAYKIN, S. (1999)]. HAYKIN, S. (1999). *Redes Neurais Artificiais, princípios e prática*. 2ª edição, Bookman 1999.

[HOPCROFT, J. E. & ULLMAN, J. D. (1979)] HOPCROFT, J. E. and ULLMAN, J. D. (1979). *Introduction to Automata Theory, Languages and Compilation*. Addison-Wesley, Reading, Ma, 1979.

[HUBBARD, B. B. (1998)] HUBBARD, B. B. (1998). *The World According to Wavelets: The History of a Mathematical Technique in the Masking*, A K Peters, Wellesley, Massachusetts, 2nd. Edition.

[JACOBS, C.E. et al. (1995)] JACOBS, C.E., FINKELSTEIN, A., and SALESIN, D.H. (1995). Fast Multiresolution Image Querying *Computer Graphics*, 29(Annual Conference Series):277-286.

[JAIN, A. K. et al. (1996)] JAIN, A. K.; MAO, J. and MOHIUDDIN, K. M. (1996). Artificial neural networks: a tutorial. *IEEE Computer*, March of 1996, 31-44.

[JAIN, A. K. & DUBES, R. C. (1998)] JAIN, A. K. and DUBES, R. C. (1998). *Algorithms for Clustering Data*. Englewood Cliffs – Prentice Hall, 1998.

[JAIN, A. K. et al. (2000a)] JAIN, A. K.; DUIN, R.P.W. and MAO, J. (2000). Statistical pattern recognition: A review. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 22,1 , January of 2000, 4-37.

[JAIN, A. K. et al. (2000b)] JAIN, A. K.; HONG, L. and PAKANTI, S. (2000). Biometric identification. *Communications of the ACM* 43, 2, February of 2000, 90-98.

[JAMISON, T. A. & SCHALKOFF, R. J. (1998)] JAMISON, T. A. and SCHALKOFF, R. J. (1998). Image labeling via a neural network approach and a comparison with existing alternatives. *Image and Vision Computing* 6,4 , November of 1998, 3-214.

[JAWERTH, B. & SWELDENS, W. (1994)] JAWERTH, B. and SWELDENS, W., An overview of wavelet based multiresolution analysis. *SIAM Review*, v. 36, n.3, p. 377-412, 1994. Columbia University of South Carolina.

[KIM, K. A, et al. (2004)] KIM, K. A.; OH S.Y.; CHOI H. C. (2004)]. Facial Feature Extraction using PCA and Wavelet Multi-Resolution Images. *IEEE*.

- [KIRBY, M. & SIROVICH, I. (1990)]. Application of the karhunen-loeve procedure for the characterization of human faces. *IEEE Trans. Patt. Anal. Mach. Intell.*, 12.
- [KOHONEN, T. (1995)] KOHONEN, T. (1995). Self-organizing maps. *Springer Series in Information Sciences* 30 (1995).
- [LAWRENCE, S. et al. (1997)] LAWRENCE, S.; GILES, C. L. ; TSOL, A. C. and BACK, A. D. (1997). Face recognitions: A convolution neural network approach, *IEEE Transactions on Neural Networks* 8,1 (1997), 98-113.
- [LI, S. Z. (1999)] LI, S. Z. (1999). Face recognition based on nearest linear combinations. School of EEE. Nanyang Technological University, Singapore.
- [MALLAT, S. (1989)] MALLAT, S. (1989). A Theory for Multiresolution Signal Decomposition: The Wavelet Representation. *IEEE Transaction on Pattern Analysis and Machine Intelligence*, 11(7):674-693.
- [MARR, D. (1982)] MARR, D. (1982). *Vision*. CA: Freeman, San Francisco, 1982.
- [MEYER, Y. (1993)] MEYER, Y. (1993). *Wavelets: Algorithms and Applications*. Society for Industrial and Applied Mathematics, Philadelphia, first edition.
- [MISITI, M. et al. (2001)] MISITI, M., OPPENHEIM, G., POGGI, J.M, and MISITI, Y. (2001). *Wavelet Toolbox Documentation*.
- [NEFLAN, A. V. (1996)] NEFLAN, A. V. (1996). *Statistical Approaches To Face Recognition*. Degree of Doctor of philosophy in electrical engineering, Georgia Institute of Technology – School of Electrical Engineering, December 1996.
- [PAKANTI, S. et al. (2000)] PAKANTI, S.; BOLLE, R. M. and JAIN, A. (2000). Biometrics: The future of identification, *Computer* (February 2000),46-49.
- [PENTLAND, A. (2000)] PENTLAND, A. (2000). Looking at people: Sensing for ubiquitous and wearable computing. *IEEE Transactions on Pattern Analysis and Machine Intelligence* 22,1, January of 2000, 107-119.
- [PERLIN,K. & VELHO, L. (1994)] PERLIN, K and VELHO L. *Spline wavelet paint*. New York, Computer Science Dept. , New York University.
- [PETERS, T. M. & WILLIAMS, J. (1998)] PETERS, T. M. and WILLIAMS, J. (1998). *The Fourier Transform in Biomedical Engineering*. Birkhäuser.
- [ROSIN, P. L. & FIRENS, F. (1995)] ROSIN, P. L. and FIRENS, F. (1995). Improving neural network generalization. In *Proceedings of IGARSS'95, Firenze, Italy* (1995), July.
- [SANTOS FILHO, R. F. ET AL. (2001)] SANTOS FILHO, R. F.; TRAINA, A.J.M.; TRAINA JÚNIOR, C.; FALOUTSOS, C. (2001). Similarity Search without Tears: The OMNI-family of All-purpose Access Methods. *Proceedings of the 17th IEEE Int.*

Conference on Data Engineering (ICDE), pp. 623-630, Heidelberg, Germany, from 2 to 6 of April 2001.

[SASHA, D. & WANG, T.L. (1990)] SASHA, D. and WANG, T.L. (1990). New techniques for best-match retrieval, In ACM Transactions on Information Systems, vol.8, pp. 140-158, 1990.

[SHEIKHOLESAMI, G. et al. (1998)] SHEIKHOLESAMI, G., CHATTERJEE, S., and ZHANG, A. (1998). WaveCluster: A Wavelet-Based Clustering Approach for Multidimensional Data in Very Large Databases. Conference on Very Large Data Base – VLDB'98.

[SMITH, L. I. (2002)] SMITH, L. I. (2002). A tutorial on principal component analysis, 2002. <http://kybele.psych.cornell.edu/~edelman/Psych-465-Spring-2003/PCA-tutorial.pdf>

[STOLLNITZ, E. J. et al. (1996)] STOLLNITZ, E. J.; DEROSE, T. D., and SALESIN, D. H. (1996). Wavelets for Computer Graphics Theory and Applications. Morgan Kaufmann Publisher, Inc, San Francisco, California, First Edition.

[STRANG,G. & NGUYENT, T. (1996)] STRANG,G. & NGUYENT, T.; Wavelets and filter banks. Wellesley, Wellesley-Cambridge Press, 1996, 490 p.

[SUNG, K. K. & POGGIO, T. (1998)] SUNG, K. K. and POGGIO, T. (1998). Example-based learning for view-based human face detection. IEEE Transactions on Pattern Analysis and Machine Intelligence 20,1 (1998), 39-51.

[THEODORIDIS, S. (1999)] THEODORIDIS, S. (1999). Pattern Recognition. Academic Press, Greece.

[TIBBALDS, A. D. (1998)] TIBBALDS, A. D. (1998). Three Dimensional Human Face Acquisition for Recognition. Doctor of philosophy Thesis, Signal Processing and Communications Laboratory. Department of Engineering. University of Cambridge, March 1998.

[THOMAZ, (1999)] THOMAZ C. E. (1999). Estudo de Classificadores para o Reconhecimento Automático de Faces. Dissertação de Mestrado, Departamento de Engenharia Elétrica, Pontifícia Universidade Católica do Rio de Janeiro (1999).

[TRAINA, C., et al. (2000)] TRAINA, C., TRAINA, A., SEEGER, B. and FALOUTSOS, C. (2000). Slim-Trees: High Performance Matric Trees Minimizing Overlap Between Nodes. Proc. International conference on Extending Database Technology, Konstanz, Germany, pages 51-65.

[TURK, M. A. & PENTLAND, A. P. (1991)] TURK, M. A. and PENTLAND, A. P. (1991). Face recognition using eigenfaces. In Proc. Of the IEEE Computer Society Conference, IEEE Computer Society Press (1991).

[UNSER, M. & ALDROUBI, A. (1996)] UNSER, M. and ALDROUBI, A. (1996). A Review of Wavelets in Biomedical Applications. *Proceeding of the IEEE*, 84(4):626-638.

[VALAYA, A. (2000)] VALAYA, A. (2000). *Semantic Classification in Image Databases*. Phd. Dissertation, Michigan State University.

[VETTERLI, M. & HERLEY, C. (1992)] VETTERLI, M. and HERLEY, C. Wavelet and filter banks: theory and design. *IEEE Transactions on Signal Processing*, v. 40, n.9, p. 2207-32, Sept. 1992.

[WANG, J. Z. (2000)] WANG, J. Z. (2000). *Semantics-Sensitive Integrated Matching for Picture Libraries and Biomedical Image Databases*. Phd. Dissertation, Department of Biomedical Informatics of Stanford University.

[WANG, J. Z. (2001)] WANG, J. Z. (2001). Methodological Review – Wavelets and Imaging Informatics: A Review of the Literature. *Journal of Biomedical Informatics*, pages 129-141.

[WANG, L. et al. (2004)] WANG, L.; WANG X., ZHANG X., FENG J.F. (2004). The equivalence of two dimensional PCA to line-based PCA. Elsevier.

[WATANABE, S. (1985)] WATANABE, S. (1985). *Pattern Recognition: Human and Mechanical*, Wiley, New York, 1985.

[WICKERHAUSER, M. V. (1994)] WICKERHAUSER, M. V. *Adapted wavelet analysis from theory to software*. Wellesley, A. K. Peters, 1994, 486 p.

[YANG, J. & YANG, Y. J. (2001)] YANG, J. & YANG, Y. J. (2001). From image vector to matrix: a straightforward image projection technique – IMPCA vs. PCA. Elsevier.

[YANG, J., et al. (2004)] YANG, J., ZHANG, D., FRANGI F. A. (2004). Two-Dimensional PCA: A New Approach to Appearance-Based Face Representation and Recognition, *IEEE*, 2004.

[YANILOS, P.N. (1993)] YANILOS, P.N. (1993). Data Structures and Algorithms for Nearest Neighbor Search in General Metric Spaces. In *Fourth Annual ACM/SIGACT-SIAM Symposium on Discrete Algorithms – SODA*. Austin, Texas, USA, 1993.

[YAO, X. & LIU, Y. (1998)] YAO, X. and LIU, Y. (1998). Making use of population information in evolutionary artificial neural networks. Technical Report, University of New South Wales. Department of computer Science, Australian Defence Force Academy, Canberra, ACT, Australia 2600, 1998.

[YONG R. et al. (1999)] YONG R., THOMAS S.; HUANG, S.F.C. (1999). *Image Retrieval: Current Techniques, Promising Directions and Open Issues*. The NECI Scientific Literature Digital Library.

[ZADEH, L.A. (1973)] ZADEH, L.A. (1973). Outline of a new approach to the analysis of complex systems and decision processes. IEEE Trans. Syst. Man and Cybers. SMC-3 (1973), 28-44.

[ZIMMERMANN, A. C. et al. (2000)] ZIMMERMANN, A. C.; GONÇALVES Jr., A. A. and BARRETO, J. M. (2000). A 3d object extraction and recognition method, Sixth International Conference on Control, Automation, Robotics and Vision – ICARV (December 2000).