

Bibliography

1. Samir Antani, Lalitha Agnotri, "Gujarati Character Recognition", in *proc. 6th ICDAR* 1999, IEEE Computer Society, pp.418- 421.
2. Subramanian N, Yajnik A, Murthy RSR. "Artificial Neural Network as an Alternative to Multiple Regression Analysis in Optimizing Formulation Parameters of Cytarabine Liposomes". *AAPS PharmSciTech*. 2004; 5(1): article 4.
3. S. Rama Mohan, Archit Yajnik: "Gujarati Numeral Recognition Using Wavelets and Neural Network" Proceedings of Indian International Conference on Artificial Intelligence 2005, pp. 397-406.
4. Archit Yajnik, S. Rama Mohan, "Identification of Gujarati characters using wavelets and neural networks" *Artificial Intelligence and Soft Computing* 2006, ACTA Press, pp. 150-155
5. Archit Yajnik, S. Rama Mohan, "Interpolation of a Signal Using Discrete Wavelets Transform", Accepted for publication in the International Journal of Artificial Intelligence, Autumn 2008.
6. Dholakia J, Negi A, S. Rama Mohan, "Zone Identification in the Printed Gujarati Text", Proc. of 8th ICDAR, IEEE CS, 2005, pp. 272-276.
7. B. Vijay Kumar, A.G. Ramakrishnan, "Radial Basis Function And Subspace Approach For Printed Kannada Text Recognition", Proc. Of ICASSP ,2004.
8. A.K. Pujari, C. Dhananjay Naidu, B. C. Jingara, "An Adaptive Character Recognizer for Telugu Scripts using Multiresolution Analysis and Associative Memory", *Image and Vision Computing* 22(14), 2004, pp. 1221-1227.
9. R. Srivastava Rao Kunte, R. D. Sudhakar Samuel, "Online Character /Script Recognition System For Kannada and other Indian Languages Employing Wavelet Features", Proc. Of The Indo-European Conference on Multilingual Communication Technologies, Tata MacGraw – Hill Publishing Company Limited, New Delhi, 2002, pp. 26 – 31.
10. Ujjwal Bhattacharya, Swapan K. Parui, M. Sridhar, F. Kimura: "Two-stage Recognition of Handwritten Bangla Alphanumeric Characters using Neural Classifiers". *IICAI* 2005, pp. 1357-1376
11. I. Daubechies, "Ten lectures on wavelets", SIAM, Philadelphia, 1992.
12. Michael W. Frazier, "An Introduction To Wavelets Through Linear Algebra" Springer-Verlag, New York, 1999.

13. Rafael C. Gonzalez, Richard E. Woods, "Digital Image Processing, Second Edition" Pearson Education, New Delhi, 2002.
14. Nhat Nguyen and Peyman Milanfar, "A Wavelet-based Interpolation-Restoration Method for Superresolution (Wavelet Superresolution)", Circuits Systems Signal Process. 19(4), 2002. pp. 321-338.
15. Alex P. Pentland, "Interpolation Using Wavelet Basis", IEEE transactions on Pattern Analysis and Machine Intelligence, 16(4), 1994. pp. 410-414.
16. Atul Negi, Chakravarthy Bhagvati, and B. Krishna. "An OCR System for Telugu". In Proc. 4th ICDAR, 1997, pp. 1110-1114.
17. B.B. Chaudhuri, U. Pal, An OCR System to read two Indian Langue scripts, "Bangla and Devanagari", in proc. 4th ICDAR, 1997, pp. 1011-1015.
18. Simon Haykin, "Neural Networks A Comprehensive Foundation" Second Edition, Prentice Hall International, Inc., New Jersey, 1999.
19. M Zurada, "Introduction to Artificial Neural Systems", PWS Publishing, Boston, MA, 1992.
20. Abderrahmane Amrouche, Jean Michel Rouvaen, "Efficient System for Speech Recognition using General Regression Neural Network", International Journal Of Intelligent Technology Volume 1 Number 2, 2006, pp. 183-189.
21. Specht D.F., "A General Regression Neural Network", IEEE Transactions on Neural Networks, Nov. Vol. 2 No. 6, 1991, pp. 568 – 576.
22. V. Vapnik. "Statistical Learning Theory", Wiley, New York, NY, 1998.
23. J. Weston and C. Watkins. "Multi-class support vector machines" In M. Verleysen, editor, Proceedings of ESANN99, Brussels, D. Facto Press., 1999.
24. J.C. Platt, N. Cristianimim and J. Shawe-Taylor. "Largemargin DAGs for multiclass classification", In Advances in Neural Information Processing Systems, volume 12, pages 547-533. MIT Press, 2000.
25. S. knerr, L. Personnaz, and G. Dreyfus, "Single-layer learning revisited: a stepwise procedure for building and training a neural network". In J. Fogelman, editor, Neurocomputing: Algorithms, Architectures and Applications. Springer-Verlag, 1990.
26. <http://www-stat.stanford.edu/reports/friedman/ply.ps.Z>
27. U. KreBel. "Pairwise classification and support vector machines" In B. Scholkopf, C. J. C. Burges and A. J. Smola, editors, Advances in Kernel Methods – Support Vector Learning, Cambridge, MA, 1999, pp.255-258.

28. Chih-Wei Hsu and Chih-Jen Lin, "A Comparison of Methods for Multi-class Support Vector Machines".
29. Stephane Mallat, "a Wavelet tour of signal processing Second Edition", Academic PressPrentice, California, 2006.
30. Jignesh Dholakia, Archit Yajnik, Atul Negi: "Wavelet Feature Based Confusion Character Sets for Gujarati Script", International Conference on Computational Intelligence and Multimedia Applications 2007, IEEE CS, pp. 366-371.
31. Chih-Wei Hsu and Chih-Jen Lin, "A Comparison of Methods for Multi-class Support Vector Machines", Taiwan
32. Christian Blatter, "Wavelets A Primer", Universities Press, India, 2003
33. Bac Hoai Le, Thai Hoang Le, and Kiem Hoang, "A Fuzzy Neural Network for Vietnamese Character Recognition", 1999, IEEE, pp. 585-589.
34. Abderrahmane Amrouche, Jean Michel Rouvaen, "Arabic Isolated Word Recognition Using General Regression Neural Network", Proceedings of the 46th IEEE International Midwest Symposium on Circuits and Systems. Vol. 2, 2004, pp. 689-692.
35. Marc Thuillard, "A Review of Wavelet Networks, Wavenets, Fuzzy Wavenets and their applications", 2000, ESIT, pp.5-16.
36. B. Vijay Kumar, A.G. Ramakrishnan, "Radial Basis Function And Subspace Approach For Printed Kannada Text Recognition", 2004, Proc. Of ICASSP, IEEE, pp. v321-V324
37. Christopher M. Bishop, "Pattern Recognition and Machine Learning", 2006, Springer Science+Business Media, LLC, New York, USA
38. Donald F. Specht, "Probabilistic Neural Net", 1990, Neural Networks, Vol 3 pp. 109-118.
39. Richard O Duda and Peter E Hart, "Pattern Classification", 2006, Wiley-Interscience, New York, USA.