

References

- Asuncion, A., and Newman, D. UCI machine learning repository [Online]. 2007. Available from : <http://archive.ics.uci.edu/ml/> [2010, November 5].
- Cao, X., and Balakrishnan, R. Evaluation of an on-line adaptive gesture interface with command prediction. In Proceedings of Graphics Interface 2005, GI '05, pp. 187–194. Canadian Human-Computer Communications Society, School of Computer Science, University of Waterloo, Waterloo, Ontario, Canada.
- Chatpatanasiri, R., Korsrilabutr, T., Tangchanachaianan, P., and Kijirikul, B. On kernelization of supervised mahalanobis distance learners. CoRR abs/0804.1441.
- Chatpatanasiri, R., Korsrilabutr, T., Tangchanachaianan, P., and Kijirikul, B. A new kernelization framework for mahalanobis distance learning algorithms. Neurocomputing 73(10-12) (2010): 1570–1579.
- Choset, H., Lynch, K.M., Hutchinson, S., Kantor, G.A., Burgard, W., Kavraki, L.E., and Thrun, S. Principles of Robot Motion: Theory, Algorithms, and Implementations. MIT Press, Cambridge, MA. June 2005.
- Cristianini, N., and Shawe-Taylor, J. An Introduction to Support Vector Machines and Other Kernel-based Learning Methods. Cambridge University Press, 1 edition. 2000.
- Friedman, J.H. Another approach to polychotomous classification. Technical report, Department of Statistics, Stanford University. 1996.
- Fu, H.C., Chang, H.Y., Xu, Y.Y., and Pao, H.T. User adaptive handwriting recognition by self-growing probabilistic decision-based neural networks. Neural Networks, IEEE Transactions on 11(6) (November 2000): 1373–1384.
- Goldberger, J., Roweis, S., Hinton, G., and Salakhutdinov, R. Neighbourhood components analysis. Advances in Neural Information Processing Systems 17 (2005): 513–520.

- Halton, J.H. On the efficiency of certain quasi-random sequences of points in evaluating multi-dimensional integrals. Numerische Mathematik 2 (1960): 84–90.
- Han, J., and Kamber, M. Data Mining: Concepts and Techniques (The Morgan Kaufmann Series in Data Management Systems). Morgan Kaufmann, 1st edition. September 2000.
- Hastie, T., Tibshirani, R., and Friedman, J. The Elements of Statistical Learning. Springer Series in Statistics. Springer New York Inc., New York, NY, USA. 2001.
- Kijsirikul, B., Ussivakul, N., and Meknavin, S. Adaptive directed acyclic graphs for multiclass classification. In PRICAI '02: Proceedings of the 7th Pacific Rim International Conference on Artificial Intelligence, pp. 158–168. Springer-Verlag, London, UK.
- Lyu, R.Y., Chien, L.F., Hwang, S.H., Hsieh, H.Y., Yang, R.C., Bai, B.R., Weng, J.C., Yang, Y.J., Lin, S.W., Chen, K.J., Tseng, C.Y., and Lee, L.S. Golden mandarin (iii)-a user-adaptive prosodic-segment-based mandarin dictation machine for chinese language with very large vocabulary. In Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 International Conference on, volume 1, pp. 57–60.
- Michie, D., Spiegelhalter, D.J., Taylor, C.C., and Campbell, J., editors. Machine learning, neural and statistical classification. Ellis Horwood, Upper Saddle River, NJ, USA. 1994.
- Mitchell, T.M. Machine Learning. McGraw-Hill, New York. 1997.
- Nicholson, W.K. Elementary Linear Algebra. McGraw-Hill, New York, USA, 1st international edition edition. 2001.
- Phetkaew, T., Rivepiboon, W., and Kijsirikul, B. Reordering adaptive directed acyclic graphs for multiclass support vector machines. JACIII 7(3) (2003): 315–321.
- Schölkopf, B., Smola, A., and Müller, K.R. Nonlinear Component Analysis as a Kernel Eigenvalue Problem. Neural Computation 10(5) (July 1998): 1299–1319.

- Weinberger, K.Q., and Saul, L.K. Distance Metric Learning for Large Margin Nearest Neighbor Classification. J. Mach. Learn. Res. 10 (2009): 207–244.
- Wylie, C.R., and Barrett, L.C. Advanced Engineering Mathematics. McGraw-Hill, New York, USA, 5th edition. 1982.
- Zhang, W., Xue, X., Sun, Z., Guo, Y.F., and Lu, H. Optimal dimensionality of metric space for classification. In ICML '07: Proceedings of the 24th international conference on Machine learning, pp. 1135–1142. ACM Press, New York, NY, USA.

Biography

Pasakorn Tangchanachaiyanan was born in Chonburi, Thailand, on 2 December 1982. He received Bachelor Degree of Engineering and Master Degree of Engineering both in the field of computer engineering from Chulalongkorn University.



