

REFERENCES

- Armunifah, I. (2015). *Retailing Store Analysis Using Multi-Objective Approach For Clustering and Classification*. (Master), Gadjah Mada University, Yogyakarta.
- Bittner, M., Meltzer, P., Chen, Y., Jiang, Y., Seftor, E., Hendrix, M., . . . Trent, J. (2000). Molecular classification of cutaneous malignant melanoma by gene expression profiling. *Nature*, 406(6795), 536-540. doi: http://www.nature.com/nature/journal/v406/n6795/supinfo/406536A0_S1.html
- Bouguettaya, A., Yu, Q., Liu, X., Zhou, X., & Song, A. (2015). Efficient agglomerative hierarchical clustering. *Expert Systems with Applications*, 42(5), 2785-2797.
- Cai, W., Chen, S., & Zhang, D. (2009). A simultaneous learning framework for clustering and classification. *Pattern Recognition*, 42(7), 1248-1259. doi: <http://dx.doi.org/10.1016/j.patcog.2008.11.029>
- Cai, W., Chen, S., & Zhang, D. (2010). A multiobjective simultaneous learning framework for clustering and classification. *Neural Networks, IEEE Transactions on*, 21(2), 185-200.
- Chen, Y.-L., & Hung, L. T.-H. (2009). Using decision trees to summarize associative classification rules. *Expert Systems with Applications*, 36(2, Part 1), 2338-2351. doi: <http://dx.doi.org/10.1016/j.eswa.2007.12.031>
- Chien, C.-F., Wang, W.-C., & Cheng, J.-C. (2007). Data mining for yield enhancement in semiconductor manufacturing and an empirical study. *Expert Systems with Applications*, 33(1), 192-198.
- Chuan, S., Ming, C., & Zhongzhi, S. (2005, 13-15 Oct. 2005). *A Fast Nondominated Sorting Algorithm*. Paper presented at the 2005 International Conference on Neural Networks and Brain.
- Coello, C. A. C., & Lechuga, M. S. (2002). *MOPSO: A proposal for multiple objective particle swarm optimization*. Paper presented at the Evolutionary Computation, 2002. CEC'02. Proceedings of the 2002 Congress on.
- Coello, C. A. C., Pulido, G. T., & Lechuga, M. S. (2004). Handling multiple objectives with particle swarm optimization. *Evolutionary Computation, IEEE Transactions on*, 8(3), 256-279.
- Coletta, L. F., da Silva, N. F., & Hruschka, E. R. (2014). *Combining Classification and Clustering for Tweet Sentiment Analysis*. Paper presented at the Intelligent Systems (BRACIS), 2014 Brazilian Conference on.
- Deb, K. (2001). *Multi-objective optimization using evolutionary algorithms* (Vol. 16): John Wiley & Sons.
- Deb, K. (2003). Multi-objective Evolutionary Algorithms: Introducing Bias Among Pareto-optimal Solutions. In A. Ghosh & S. Tsutsui (Eds.), *Advances in Evolutionary Computing: Theory and Applications* (pp. 263-292). Berlin, Heidelberg: Springer Berlin Heidelberg.

- Deb, K., Pratap, A., Agarwal, S., & Meyarivan, T. (2002). A fast and elitist multiobjective genetic algorithm: NSGA-II. *IEEE transactions on evolutionary computation*, 6(2), 182-197.
- Fieldsend, J. E., & Singh, S. (2002). A multi-objective algorithm based upon particle swarm optimisation, an efficient data structure and turbulence.
- Friedl, M. A., & Brodley, C. E. (1997). Decision tree classification of land cover from remotely sensed data. *Remote Sensing of Environment*, 61(3), 399-409. doi: [http://dx.doi.org/10.1016/S0034-4257\(97\)00049-7](http://dx.doi.org/10.1016/S0034-4257(97)00049-7)
- Gini, G., Craciun, M. V., König, C., & Benfenati, E. (2004). Combining Unsupervised and Supervised Artificial Neural Networks to Predict Aquatic Toxicity. *Journal of Chemical Information and Computer Sciences*, 44(6), 1897-1902. doi: 10.1021/ci0401219
- Han, J., Kamber, M., & Pei, J. (2011). *Data mining: concepts and techniques*: Elsevier.
- Hu, X. (2006). PSO Tutorial. Retrieved June 8th, 2016, from <http://www.swarmintelligence.org/tutorials.php>
- Hu, X., & Eberhart, R. (2002). *Multiobjective optimization using dynamic neighborhood particle swarm optimization*. Paper presented at the wcci.
- Jain, A. K., & Dubes, R. C. (1988). *Algorithms for clustering data*: Prentice-Hall, Inc.
- Jain, A. K., Murty, M. N., & Flynn, P. J. (1999). Data clustering: a review. *ACM computing surveys (CSUR)*, 31(3), 264-323.
- Jin, X., & Han, J. (2010). Partitional Clustering. In C. Sammut & G. I. Webb (Eds.), *Encyclopedia of Machine Learning* (pp. 766-766). Boston, MA: Springer US.
- Kaewchinporn, C., Vongsuchoto, N., & Srisawat, A. (2011, 11-13 May 2011). A combination of decision tree learning and clustering for data classification. Paper presented at the Computer Science and Software Engineering (JCSSE), 2011 Eighth International Joint Conference on.
- Kesavaraj, G., & Sukumaran, S. (2013, 4-6 July 2013). A study on classification techniques in data mining. Paper presented at the Computing, Communications and Networking Technologies (ICCCNT), 2013 Fourth International Conference on.
- Kyriakopoulou, A., & Kalamboukis, T. (2008). *Combining clustering with classification for spam detection in social bookmarking systems*. Paper presented at the Proceedings of European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases Discovery Challenge, (ECML/PKDD RSDC 2008).
- Li, T.-S., Huang, C.-L., & Wu, Z.-Y. (2006). Data mining using genetic programming for construction of a semiconductor manufacturing yield rate prediction system. *Journal of Intelligent Manufacturing*, 17(3), 355-361.
- Li, X. (2003). *A non-dominated sorting particle swarm optimizer for multiobjective optimization*. Paper presented at the Genetic and Evolutionary Computation—GECCO 2003.

- Liu, Y. (2008). *A fast and elitist multi-objective particle swarm algorithm: NSPSO*. Paper presented at the Granular Computing, 2008. GrC 2008. IEEE International Conference on.
- Mitra, S., & Acharya, T. (2003). Data Mining: Multimedia. *Soft Computing, and Bioinformatics*. John Wiley, New York.
- Momon, S., Godin, N., Reynaud, P., R'Mili, M., & Fantozzi, G. (2012). Unsupervised and supervised classification of AE data collected during fatigue test on CMC at high temperature. *Composites Part A: Applied Science and Manufacturing*, 43(2), 254-260. doi: <http://dx.doi.org/10.1016/j.compositesa.2011.10.016>
- Nizamani, S., Memon, N., Wiil, U. K., & Karampelas, P. (2011). *CCM: a text classification model by clustering*. Paper presented at the Advances in Social Networks Analysis and Mining (ASONAM), 2011 International Conference on.
- Panov, P., Džeroski, S., & Soldatova, L. (2008). *OntoDM: An ontology of data mining*. Paper presented at the 2008 IEEE International Conference on Data Mining Workshops.
- Papas, D., & Tjortjis, C. (2014). Combining Clustering and Classification for Software Quality Evaluation *Artificial Intelligence: Methods and Applications* (pp. 273-286): Springer.
- Qian, Q., Chen, S., & Cai, W. (2012). Simultaneous clustering and classification over cluster structure representation. *Pattern Recognition*, 45(6), 2227-2236.
- Quyen, N. T. P. (2016). *Data Analysis Framework of Constrained Clustering and Sequential Clustering Classification*. (Doctor of Philosophy Dissertation), National Taiwan University of Science and Technology, Taipei, Taiwan.
- Rana, S., Jasola, S., & Kumar, R. (2011). A review on particle swarm optimization algorithms and their applications to data clustering. *Artificial Intelligence Review*, 35(3), 211-222.
- Raquel, C. R., & Naval Jr, P. C. (2005). *An effective use of crowding distance in multiobjective particle swarm optimization*. Paper presented at the Proceedings of the 7th annual conference on Genetic and evolutionary computation.
- Rokach, L., & Maimon, O. (2005). Decision Trees. In O. Maimon & L. Rokach (Eds.), *Data Mining and Knowledge Discovery Handbook* (pp. 165-192). Boston, MA: Springer US.
- Srinivas, N., & Deb, K. (1994). Multiobjective optimization using nondominated sorting in genetic algorithms. *Evolutionary computation*, 2(3), 221-248.
- Srinivasan, D., & Hou, S. T. (2003, 8-12 Dec. 2003). *Particle swarm inspired evolutionary algorithm (PS-EA) for multiobjective optimization problems*. Paper presented at the Evolutionary Computation, 2003. CEC '03. The 2003 Congress on.
- Steinbach, M., Ertöz, L., & Kumar, V. (2004). The challenges of clustering high dimensional data *New directions in statistical physics* (pp. 273-309): Springer.
- Tan, P. N., Steinbach, M., & Kumar, V. (2014). *Introduction to Data Mining*: Pearson Education, Limited.

- Tsai, S.-J., Sun, T.-Y., Liu, C.-C., Hsieh, S.-T., Wu, W.-C., & Chiu, S.-Y. (2010). An improved multi-objective particle swarm optimizer for multi-objective problems. *Expert Systems with Applications*, 37(8), 5872-5886.
- Xue, B., Zhang, M., & Browne, W. N. (2012). *Multi-objective particle swarm optimisation (PSO) for feature selection*. Paper presented at the Proceedings of the 14th annual conference on Genetic and evolutionary computation.
- Xue, B., Zhang, M., & Browne, W. N. (2013). Particle swarm optimization for feature selection in classification: A multi-objective approach. *Cybernetics, IEEE Transactions on*, 43(6), 1656-1671.
- Zhang, X. Y., Yang, P., Zhang, Y. M., Huang, K., & Liu, C. L. (2014). Combination of Classification and Clustering Results with Label Propagation. *IEEE Signal Processing Letters*, 21(5), 610-614. doi: 10.1109/LSP.2014.2312005