

## BIBLIOGRAPHY

- Albadr M.A.A. & Tiun, S., 2017, Extreme learning machine: a review, *International Journal of Applied Engineering Research*, Vol. 12, No. 14, pp. 4610-4623.
- Balbay, A., Kaya, Y. & Sahin, O., 2012, Drying of black cumin (*Nigella sativa*) in a microwave assisted drying system and modeling using extreme learning machine, *Energy*, Vol. 44, No. 1, pp. 352–357.
- Blake, C.L. & Merz, C.J., 1998, UCI repository of machine learning databases, dept. inf. comput. sci., univ. california, irvine, ca, <http://www.ics.uci.edu/~mlern/MLRepository.html>.
- Cao, F., Liu, B. & Sun Park, D., 2013, Image classification based on effective extreme learning machine, *Neurocomputing*, Vol. 102, pp. 90–97.
- Chen, F.L. & Ou, T.Y., 2011, Sales forecasting system based on Gray extreme learning machine with Taguchi method in retail industry, *Expert Systems with Applications*, Vol. 38, No. 3, pp. 1336–1345.
- Chen, X., Dong, Z.Y., Meng, K., Xu, Y., Wong, K.P. & Ngan, H.W., 2012, Electricity Price Forecasting With Extreme Learning Machine and Bootstrapping, *IEEE Transactions on Power Systems*, Vol. 27, No. 4, pp. 2055–2062.
- Han, F., Yao, H. & Ling, Q., 2013, An improved evolutionary extreme learning machine based on particle swarm optimization, *Neurocomputing*, Vol. 116, pp. 87-93.
- Han, K., Yu, D. & Tashev, I., 2014, Speech emotion recognition using deep neural network and extreme learning machine, *Interspeech*, pp. 223-227.
- Han, M., 2010, Change detection of land use and land cover in an urban region with SPOT-5 images and partial Lanczos extreme learning machine, *Journal of Applied Remote Sensing*, Vol. 4, No. 1.
- Haykin, S., 1999, *Neural Network: A Comprehensive Foundation* (2nd Edition), Prentice Hall.
- Huang, G.B. & Chen, L., 2007, Convex incremental extreme learning machine, *Neurocomputing*, Vol. 70, No. 16-18, pp. 3056–3062.
- Huang, G.B. & Chen, L., 2008, Enhanced random search based incremental extreme learning machine, *Neurocomputing*, Vol. 71, No. 16-18, pp. 3460–3468.
- Huang, G.B., 2003, Learning capability and storage capacity of two-hidden-layer feedforward networks, *IEEE Transactions on Neural Networks*, Vol. 14, No. 2, pp. 274–281.
- Huang, G.B., Chen, L. & Siew, C.K., 2006, Universal Approximation Using Incremental Constructive Feedforward Networks With Random Hidden Nodes, *IEEE Transactions on Neural Networks*, Vol. 17, No. 4, pp. 879–892.
- Huang, G.B., Chen, L. & Siew, C.K., 2006, Universal Approximation Using Incremental Constructive Feedforward Networks With Random Hidden Nodes, *IEEE Transactions on Neural Networks*, Vol. 17, No. 4, pp. 879–892.

- Huang, G.B., Ding, X. & Zhou, H., 2010, Optimization method based extreme learning machine for classification, *Neurocomputing*, Vol.74, No. 1-3, pp. 155–163.
- Huang, G.B., Song, S., Gupta, J.N. & Wu, C., 2014, Semi-supervised and unsupervised extreme learning machines, *IEEE transactions on cybernetics*44, Vol. 12, pp. 2405-2417.
- Huang, G.B., Zhu, Q.Y. & Siew, C.K., 2004, Extreme learning machine: a new learning scheme of feedforward neural networks, in *Proceedings of IEEE International Joint Conference on Neural Networks*, Vol. 2, pp. 985–990.
- Huang, G.B., Zhu, Q.Y. & Siew, C.K., 2006, Extreme learning machine: Theory and applications, *Neurocomputing*, Vol. 70, No. 1-3, pp. 489–501.
- Huang, G.B., Zhu, Q.Y. & Siew, C.K., 2006, Real-Time Learning Capability of Neural Networks. *IEEE Transactions on Neural Networks*, Vol. 17, No. 4, pp. 863–878.
- Iscan, H. & Gunduz, M., 2017, An application of fruit fly optimization algorithm for traveling salesman problem, *Procedia Computer Science*, Vol. 111, pp. 58–63.
- Karpagachelvi, S., Arthanari, M. & Sivakumar, M., 2012, Classification of electrocardiogram signals with support vector machines and extreme learning machine, *Neural Computing & Applications* Vol. 21, No. 6, pp.1331-1339.
- Kasun, L.L.C., Zhou, H., Huang, G.B. & Vong, C.M., 2013, Representational learning with ELMs for big data,.
- Kaya, Y. & Uyar, M, 2013, A hybrid decision support system based on rough set and extreme learning machine for diagnosis of hepatitis disease, *Applied Soft Computing*, Vol. 13, No. 8, pp. 3429–3438.
- Lan, Y., Hu, Z., Soh, Y.C. & Huang, G.B., 2012, An extreme learning machine approach for speaker recognition, *Neural Computing and Applications*, Vol. 22, No. 3-4, pp. 417–425.
- Li, W., Wang, D. & Chai, T., 2013, Burning state recognition of rotary kiln using ELMs with heterogeneous features, *Neurocomputing*, Vol. 102, pp.144–153.
- Lin, S.M., 2013, Analysis of service satisfaction in web auction logistics service using a combination of Fruit fly optimization algorithm and general regression neural network, *Neural Computing and Applications*, Vol.22, No.3-4, pp.783-791.
- Minhas, R., Baradarani, A., Seifzadeh, S. & Jonathan, Q.M., 2010, Human action recognition using extreme learning machine based on visual vocabularies, *Neurocomputing*, Vol. 73. No. 10-12, pp. 1906–1917.
- Mohammed, A.A., Minhas, R., Jonathan, Q.M. & Sid-Ahmed, M.A., 2011, Human face recognition based on multidimensional PCA and extreme learning machine, *Pattern Recognition*, Vol. 44 No. 10-11, pp. 2588–2597.
- Pacifico, L.D.S. & Ludermit, T.B., 2013, Evolutionary extreme learning machine based on particle swarm optimization and clustering strategies, *The 2013 International Joint Conference on Neural Networks (IJCNN)*.
- Pan, W.T., 2012, A new fruit fly optimization algorithm: taking the financial distress model as an example, *Knowledge-Based Systems*, Vol. 26, pp. 69–74.

- Serre, D., 2002, *Matrices: Theory and applications*, Springer-Verlag New York.
- Shen, L., Chen, H., Kang, W., Gu, H., Zhang, B. & Ge, T, 2015, Fruit Fly Optimization Algorithm Based SVM Classifier for Efficient Detection of Parkinson's Disease, *Lecture Notes in Computer Science*, pp. 98–106.
- Tamura, S. & Tateishi, M., 1997, Capabilities of a four-layered feedforward neural network: four layers versus three, *IEEE Transactions on Neural Networks*, Vol. 8, No. 2, pp. 251–255.
- Wang, L., Zheng, X. & Wang, S., 2013, A novel binary fruit fly optimization algorithm for solving the multidimensional knapsack problem, *Knowledge-Based Systems*, Vol. 48, pp.17–23.
- Xu, Y. & Shu, Y., 2006, *Evolutionary Extreme Learning Machine – Based on Particle Swarm Optimization*, *Lecture Notes in Computer Science*, pp. 644–652.
- Xu, Y., Dai, Y., Dong, Z.Y., Zhang, R. & Meng, K., 2012, Extreme learning machine-based predictor for real-time frequency stability assessment of electric power systems, *Neural Computing and Applications*, Vol. 22, No. 3-4, pp. 501–508.
- Xu, Y., Dong, Z.Y., Xu, Z., Meng, K. & Wong, K.P., 2012, An Intelligent Dynamic Security Assessment Framework for Power Systems With Wind Power, *IEEE Transactions on Industrial Informatics*, Vol. 8, No. 4, pp. 995–1003.
- Xue, B., Ma, X., Gu, J. & Li, Y., 2013, An improved extreme learning machine based on Variable-length Particle Swarm Optimization, 2013 IEEE International Conference on Robotics and Biomimetics (ROBIO), pp. 1030-1035.
- You, Z.H., Lei, Y.K, Zhu, L., Xia, J. & Wang, B., 2013, Prediction of protein-protein interactions from amino acid sequences with ensemble extreme learning machines and principal component analysis, Vol. 14 No. 8, pp. S10.
- Yu, Y., Li, Y., Li, J. & Gu, X., 2016, Self-adaptive step fruit fly algorithm optimized support vector regression model for dynamic response prediction of magnetorheological elastomer base isolator, *Neurocomputing*, Vol. 211, pp. 41–52.
- Zaki, M.J. & Jr W.M., 2014, *Data mining and analysis: fundamental concepts and algorithms*, Cambridge University Press, New York.
- Zong, W. & Huang, G.B., 2011, Face recognition based on extreme learning machine, *Neurocomputing*, Vol. 74, No. 16, pp. 2541–2551.