

REFERENCES

- [1] Wang HY, Wang BJ. (2010). Mine thermal dynamic disaster science. Coal Industry Press, Beijing.
- [2] Wen H. (2014). Emergency rescue in coal mine accident. China University of Mining and Technology Press, Xuzhou.
- [3] Li B, Deng J, Xiao Y, Zhai XW, Shu CM, Gao W. (2018). Heat transfer capacity of heat pipes: An application in coalfield wildfire in China. *Heat and Mass Transfer* 54(6): 1755-1766. <http://doi.org/10.1007/s00231-017-2262-6>
- [4] Deng J, Li B, Xiao Y, Ma L, Wang CP. (2017). Combustion properties of coal gangue using thermogravimetry–Fourier transform infrared spectroscopy. *Applied Thermal Engineering* 116: 244-252. <http://doi.org/10.1016/j.applthermaleng.2017.01.083>
- [5] Wen H, Guo J, Jin YF, Zhang Z, Wang T, Liu WY. (2016). The present situation and trend of research on safety evaluation of disaster emergency rescue for China coal mine. *Safety in Coal Mines* 47(3): 172-178. <http://doi.org/10.13347/j.cnki.mkaq.2016.03.047>
- [6] Zhao ZF, Wen H, Guo J. (2015). Comprehensive forecast of coal and gas outburst based on multiple methods. *Safety in Coal Mines* 46(11): 160-163.
- [7] Xia XG, Huang QX. (2007). Application of AHP in determining weight of factors of capability of top coal caving. *Journal of China Coal Society* 32(10): 51-54. <http://doi.org/10.1007/s10800-006-9244-6>
- [8] Cheng WM, Zhou G, Wang G. (2010). Evaluation method of miners' safety behavior based on gray-fuzzy-improving momentum BP algorithm. *Journal of China Coal Society* 35(01): 101-105.
- [9] Kors JA, Bommel JH. (1989). The Delphi method: a review of its application in medicine. The Netherlands press, Netherlands.
- [10] Saaty TL. (1980). The Analytic Hierarchy Process. McGraw-Hill, New York.
- [11] Tao JC, Wu JM. (2001). New study on determining the weight of index in synthetic weighted mark method. *Systems Engineering-theory & Practice* 21(8): 78-96.
- [12] Su BX, Zhang JL, Che XM. (2013). Performance evaluation of pulverized coal injection of blast furnace based on principle component analysis. *Journal of China Coal Society* 38(12): 2234-2240.
- [13] Shi SL, Li RQ. (2010). Research and application of AHP-GT model of gas explosion accident evolution risk assessment in coal mine. *Journal of China Coal Society* 35(07): 1137-1141. [http://doi.org/10.1016/S1876-3804\(11\)60004-9](http://doi.org/10.1016/S1876-3804(11)60004-9)
- [14] Hwang CL, Yoon KS. (1981). Multiple Attribute decision making. Springer, Berlin, Heidelberg. <http://doi.org/10.1007/978-3-642-48318-9>
- [15] Deng JL. (1982). Control problems of grey system. *System and Control Letter* 1(5): 288-194. [http://doi.org/10.1016/S0167-6911\(82\)80025-X](http://doi.org/10.1016/S0167-6911(82)80025-X)
- [16] Zhao ZF, Wen H, Gao WX, Guo J. (2016). Data mining and knowledge decision in the integrity management of long-distance pipeline. *Journal of Xi'an Shiyou University (Natural Science Edition)* 31(4): 109-114. <http://doi.org/10.3969/j.issn.1673-064X.2016.04.019>
- [17] Sun Q, Ouyang J. (2015). Hesitant fuzzy multi-attribute decision making based on topsis with entropy-weighted method. *Management Science & Engineering* 9(3): 1-6. <http://doi.org/10.1016/j.knosys.2013.05.011>
- [18] Guo J. (2016). Safety evaluation and dynamic prediction for the rescue operation after mine thermo dynamic disasters. Xi'an University of Science and Technology, Xi'an.
- [19] Liang ZH, He WD. (2015). Research of supplier evaluation based on syncretized technique of neural network. *Mathematics in Practice and Theory* 45(24): 1-9.
- [20] Yang YM, Wang YN. (2012). Bidirectional extreme learning machine for regression problem and its learning effectiveness. *IEEE Transactions on Neural Networks and Learning Systems* 23(9): 1498-1505. <http://doi.org/10.1109/TNNLS.2012.2202289>
- [21] Wang YN, Yang YM. (2011). Autonomous mobile robot navigation system designed in dynamic environment based on transferable belief model. *Measurement* 44(8): 1389-1405. <http://doi.org/10.1016/j.measurement.2011.05.010>
- [22] Huang GB, Zhu QY, Siew CK. (2006). Extreme learning machine: theory and applications. *Neurocomputing*. 70(1): 489-501. <http://doi.org/10.1016/j.neucom.2005.12.126>
- [23] Minhas R, Mohammed AA, Wu QMJ. (2010). A fast recognition framework based on extreme learning machine using hybrid object information. *Neurocomputing* 73(10): 1831-1839. <http://doi.org/10.1016/j.neucom.2009.11.049>
- [24] Zhang XY, Dou SQ. (2005). The assessment of ventilation system for underground mines based on neural network. *Non-ferrous Mining and Metallurgy* 21(4): 11-13.
- [25] Huang GB, Ding XJ, Zhou HM. (2010). Optimization method based extreme learning machine for classification. *Neurocomputing* 74(1-3): 155-163. <http://doi.org/10.1016/j.neucom.2010.02.019>
- [26] Yang YM. (2013). Researches on extreme learning theory for system identification and applications. Hunan University, Changsha.
- [27] Guo J, Yue NF, Jin YF, Zheng XZ. (2016). Evaluation index system for rescue safety of mine thermodynamic disasters. *Safety in Coal Mine* 48(7): 253-256.