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- [52] Chawla ,S. (2015). Domainwise Web Page Optimization Based On Clustered Query Sessions Using Hybrid Of Trust And ACO For Effective Information Retrieval, International Journal of Scientific and Technology Research, 4(11), pp. 196-204.
- [53] Chawla, S. (2016). A novel approach of cluster based optimal ranking of clicked URLs using genetic algorithm for effective personalized web search., Applied Soft Computing, 46, pp. 90-103.
- [54] Wen, R J. ; Nie Y J.; Zhang, J H. (2002). Query Clustering Using User Logs, Journal ACM Transactions on Information Systems, 20(1), pp. 59-81
- [55] Zhao Y.; Karypis G., (2002a). Comparison of agglomerative and partitional document clustering algorithms, SIAM Workshop on Clustering High-dimensional Data and its Applications.
- [56] Zhao Y ; Karypis Y. (2002b). Criterion functions for document clustering: Experiments and Analysis. Technical report, University of Minnesota, Minneapolis, MN.
- [57] Klir G, Yuan B. (1995) Fuzzy sets and fuzzy logic , 4, New Jersey: Prentice hall.
- [58] Chawla S. (2017). Intelligent Information Retrieval Using Hybrid of Fuzzy Set and Trust. Oriental Journal of Computer Science. and Technology; 10(2), pp 311-325.
- [59] Chawla, S. (2015). Effective Personalization of web search based on Fuzzy Information Retrieval , International Journal of Computer Science and Information Technologies, 6 (3) , pp. 2831-2837.
- [60] Dorigo, M.; Maniezzo, V. ; Colomi, A. (1991). Positive feedback as a search strategy, Technical Report 91-016.
- [61] Dorigo, M. (1992). Optimization, learning and natural algorithms. Ph. D. Thesis, Politecnico di Milano, Italy, 1992.
- [62] Colomi, A.; Dorigo M.; Maniezzo V.; Trubian, M. (1994). Ant system for job-shop scheduling. Belgian Journal of Operations Research, Statistics and Computer Science, 34(1), pp. 39-53.
- [63] Jones K.O.; Bouffet, A. (2007). Comparison of ant colony optimisation and differential evolution. In Proceedings of the international conference on Computer systems and technologies .p. 25, ACM.
- [64] Dorigo, M. ; Socha K. (2006). An introduction to ant colony optimization. Handbook of approximation algorithms and metaheuristics, pp. 26-1.
- [65] Bremermann, H.J. (1958). 'The evolution of intelligence: The nervous system as a model of its environment'. Technical Report no 1, University of Washington, Department of Mathematics, Seattle, WA.
- [66] Pal, S.K.; Talwar, V. ; Mitra, P. (2002). 'Web mining in soft computing framework: relevance, state of the art and future directions'. IEEE Transactions on Neural Networks, 13(5), pp. 1163-1177.
- [67] Goldberg, D.E. (1989). Genetic algorithms in search, optimization, and machine learning. Addison Wesley Longman Publishing Co., Boston, MA, USA.