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- [30] Z. Hu, Q. Su, X. Yang, and Z. Xiong, Not guaranteeing convergence of differential evolution on a class of multimodal functions, *Appl. Soft Comput.*, 41, 2016, pp. 479-487.
- [31] Z. Hu, S. Xiong, Q. Su, and Z. Fang, Finite Markov chain analysis of classical differential evolution algorithm, *J. Comput. Appl. Math.*, 268, 2014, pp. 121-134.
- [32] Y. Wang and J. Zhang, Global optimization by an improved differential evolutionary algorithm, *Appl. Math. Comput.*, 188(1), 2007, pp. 669-680.
- [33] P. N. Suganthan, N. Hansen, J. J. Liang, K. Deb, Y. P. Chen, A. Auger, and S. Tiwari, *Problem definitions and evaluation criteria for the CEC 2005 special session on real-parameter optimization*, Nanyang Technol. Univ., Singapore, Tech. Rep. KanGAL #2005005, IIT Kanpur, India, 2005.
- [34] W. Gao and S. Liu, Improved artificial bee colony algorithm for global optimization, *Information Processing Letters*, 111, 2011, pp. 871-882.
- [35] Y. Shi and R. C. Eberhart, Empirical study of particle swarm optimization, *Proceedings of the 1999 Congress on Evolutionary Computation-CEC99*, 1999, pp. 1945-1950.
- [36] D. Karaboga and B. Basturk, On the performance of artificial bee colony (ABC) algorithm, *Applied Soft Computing*, 8, 2008, pp. 687-697.
- [37] A. H. Gandomi, X. S. Yang, and A. H. Alavi, Cuckoo search algorithm: a metaheuristic approach to solve structural optimization problems, *Engineering with Computers*, 29, 2013, pp. 17-35.
- [38] X. S. Yang, C. Huyck, M. Karamanoglu, and N. Khan, True global optimality of the pressure vessel design problem: A benchmark for bio-inspired optimization algorithms, *International Journal of Bio-Inspired Computation (IJBIC)*, 5(6), 2013, pp. 329-335.