Symposium on Information Science and Engineering, vol. 2, 2008, pp. 248 - 251.

[9] G. Zeng, Y. Jiang, "A Modified PSO Algorithm with Line Search", International Conference on Computational Intelligence and Software Engineering (CiSE), Dec. 2010, pp. 1-4. http://dx.doi.org/10.1109/cise.2010.5677031

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