

PUBLICATIONS

1. Manar Hosny, Lubna Al Hinti, Sawsan Al Malak, "A Co-Evolutionary Framework for Adaptive Multidimensional Data Clustering", *Intelligent Data Analysis*, Volume 22(1), January (2018) (to appear).
2. Abeer Al-Nafjan, Manar Hosny, Areej Al-Wabil and Yousef Al-Ohali, "Classification of Human Emotions from Electroencephalogram (EEG) Signal using Deep Neural Network". *International Journal of Advanced Computer Science and Applications(IJACSA)*, 8(9), 2017. <http://dx.doi.org/10.14569/IJACSA.2017.080955>
3. Abeer Al-Nafjan, Manar Hosny, Areej Al-Wabil and Yousef Al-Ohali, "Electroencephalogram-based Emotion Detection". The 1st International Conference on Intelligent Human Systems Integration: Integrating People and Intelligent Systems (IHSI 2018), Dubai, United Arab Emirates, January 7-9, 2018 (to appear).
4. Ghada Badr, Manar Hosny, Nuha Bintayyash, Eman Albilali, and Souad Larabi Marie-Sainte. "BeamGA Median: A Hybrid Heuristic Search Approach". *International Journal of Biological, Biomolecular, Agricultural, Food and Biotechnological Engineering* Vol:11, No:6, 2017
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10. Manar I. Hosny. "[Bridging the Gap between Theory and Practice in the Vehicle Routing Research](#).", *International Journal of Applied Mathematics, Electronics and Computers (IJAMEC)*, 2014, 2(3), pp. 15–18.
11. Alhuwaishel N, Manar H (2015) "[A Hybrid Bees/Demon Optimization Algorithm for Solving the University Course Timetabling Problem](#)". *Proceedings of the 3rd NAUN International Conference on Mathematical, Computational and Statistical Sciences*. Dubai, United Arab Emirates, February 22-24.
12. Nourah Alswaidan, Manar I. Hosny and Abir Benabid Najjar. "[A Genetic Algorithm Approach for Optimizing a Single-Finger Arabic Keyboard Layout](#)." In K. Arai et al. (eds.), *Intelligent Systems in Science and Information 2014*, Studies in Computational Intelligence 591, DOI 10.1007/978-3-319-14654-6_16. © Springer International Publishing Switzerland 2015.
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14. Manar Hosny, Nourah AlSwaïdan, Abir Benabid Najjar "[An Optimized Single Finger Arabic Keyboard Layout](#)". Proceedings of the Science and Information Conference 2014. London, UK, August 2014.
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