

## References

1. Dorigo, M., Birattari, M.. Swarm intelligence. *Scholarpedia* 2007;**2**(9):1462. doi:\bibinfo{doi}{10.4249/scholarpedia.1462}. Revision #138640.
2. Beni, G., Wang, J.. Swarm Intelligence in Cellular Robotic Systems. In: Dario, P., Sandini, G., Aebischer, P., editors. *Robots and Biological Systems: Towards a New Bionics?* Berlin, Heidelberg: Springer Berlin Heidelberg. ISBN 978-3-642-58069-7; 1993, p. 703–712.
3. Ahmed, H.R., Glasgow, J.I.. Swarm Intelligence: Concepts, Models and Applications. *Queen's University, School of Computing Technical Reports* 2012;**585**(February):1–50. doi:\bibinfo{doi}{10.13140/2.1.1320.2568}.
4. Goldberg, E., Souza, G., Goldberg, M.L.. Particle swarm for the traveling salesman problem. vol. 3906. 2006, p. 99–110. doi:\bibinfo{doi}{10.1007/11730095.9}.
5. Jati, G.K., Manurung, H.M., Suyanto, . Discrete cuckoo search for traveling salesman problem. In: *2012 7th International Conference on Computing and Convergence Technology (ICCT)*. 2012, p. 993–997.
6. Jati, G.K., Manurung, R., Suyanto, S.. *Discrete Firefly Algorithm for Traveling Salesman Problem: A New Movement Scheme*. Elsevier Inc.; 2013. ISBN 9780124051638. doi:\bibinfo{doi}{10.1016/B978-0-12-405163-8.00013-2}. URL <http://dx.doi.org/10.1016/B978-0-12-405163-8.00013-2>.
7. Abdillah, U., Suyanto, S.. Clustering Nodes and Discretizing Movement to Increase the Effectiveness of HEFA for a CVRP. *International Journal of Advanced Computer Science and Applications (IJACSA)* 2020;**11**(4):774–779. doi:\bibinfo{doi}{https://dx.doi.org/10.14569/IJACSA.2020.01104100}. URL [https://thesai.org/Downloads/Volume11No4/Paper\\_{100-Clustering\\_{Nodes}\\_{and}\\_{Discretizing}\\_{Movement}.pdf](https://thesai.org/Downloads/Volume11No4/Paper_{100-Clustering_{Nodes}_{and}_{Discretizing}_{Movement}.pdf).
8. Ghanem, W., Jantan, A.. Swarm intelligence and neural network for data classification. *Proceedings - 4th IEEE International Conference on Control System, Computing and Engineering, ICCSCE 2014* 2015;:196–201doi:\bibinfo{doi}{10.1109/ICCSCE.2014.7072714}.
9. Vrbančić, G., Fister, I., Podgorelec, V.. Swarm intelligence approaches for parameter setting of deep learning neural network: Case study on phishing websites classification. *ACM International Conference Proceeding Series* 2018;(July). doi:\bibinfo{doi}{10.1145/3227609.3227655}.
10. Madureira, A., Sousa, N., Pereira, I.. Swarm intelligence for scheduling: a review. 2011, .
11. Suyanto, . *An informed genetic algorithm for university course and student timetabling problems*; vol. 6114 LNAI. 2010. ISBN 3642132316. doi:\bibinfo{doi}{10.1007/978-3-642-13232-2.28}. URL [https://link.springer.com/chapter/10.1007/978-3-642-13232-2\\_{28}](https://link.springer.com/chapter/10.1007/978-3-642-13232-2_{28}).
12. Pertiwi, A.P., Suyanto, . Globally Evolved Dynamic Bee Colony Optimization. In: *International Conference on Knowledge-Based and Intelligent Information and Engineering Systems, 12-14 September 2011, Published in Part I, LNAI vol. 6881, pp. 52-61, Spriger-Verlag Berlin Heidelberg 2011, Print ISBN: 978-3-642-23; 1. Kaiserslautern, Germany: Springer Berlin Heidelberg; 2011, p. 52–61. doi:\bibinfo{doi}{https://doi.org/10.1007/978-3-642-23851-2.6}. URL [https://doi.org/10.1007/978-3-642-23851-2.6](https://doi.org/10.1007/978-3-642-23851-2_{6}).*
13. Clarissa, V., Suyanto, S.. New Reward-Based Movement to Improve Globally-Evolved BCO in Nurse Rostering Problem. In: *ISRITI*. 2019, p. 114–117. doi:\bibinfo{doi}{10.1109/ISRITI48646.2019.9034669}. URL <https://ieeexplore.ieee.org/document/9034669>.
14. Ghaisani, F., Suyanto, S.. Discrete Firefly Algorithm for an Examination Timetabling. In: *ISRITI*. 2019, p. 1–4. doi:\bibinfo{doi}{10.1109/ISRITI48646.2019.9034668}. URL <https://ieeexplore.ieee.org/document/9034668>.
15. Pedro, S., Hruschka, E.. Collective intelligence as a source for machine learning self-supervision. ISBN 9781450311892; 2012, p. 5:1–5:9. doi:\bibinfo{doi}{10.1145/2189736.2189744}.
16. Emillia, N., Suyanto, , Maharani, W.. Isolated word recognition using ergodic hidden markov models and genetic algorithm. *Telkomnika* 2012;**10**(1):129–136. doi:\bibinfo{doi}{10.12928/telkomnika.v10i1.769}. URL <http://journal.uad.ac.id/index.php/TELKOMNIKA/article/view/769>.
17. Kayakutlu, G., Ercan, S.. *Review of Collective Intelligence Used in Energy Applications*. ISBN 978-3-319-75689-9; 2018, p. 475–496. doi:\bibinfo{doi}{10.1007/978-3-319-75690-5.21}.
18. Karim, R.M., Suyanto, S.. Optimizing Parameters of Automatic Speech Segmentation into Syllable Units. *International Journal on Intelligent Systems and Applications* 2019;**11**(5):9–17. doi:\bibinfo{doi}{10.5815/ijisa.2019.05.02}. URL <http://www.mecs-press.org/ijisa/ijisa-v11-n5/IJISA-V11-N5-2.pdf>.
19. Suyanto, S., Putra, A.E.. Automatic Segmentation of Indonesian Speech into Syllables using Fuzzy Smoothed Energy Contour with Local Normalization, Splitting, and Assimilation. *Journal of ICT Research and Applications* 2014;**8**(2):97–112. doi:\bibinfo{doi}{10.5614/itbj.ict.res.appl.2014.8.2.2}. URL <http://journals.itb.ac.id/index.php/jictra/article/download/443/528>.
20. Ab Wahab, M.N., Nefti-Meziani, S., Atyabi, A.. A comprehensive review of swarm optimization algorithms. *PLOS ONE* 2015;**10**(5):1–36. doi:\bibinfo{doi}{10.1371/journal.pone.0122827}. URL <https://doi.org/10.1371/journal.pone.0122827>.
21. Anderson, C.. *Swarm Intelligence: From Natural to Artificial Systems*. Eric Bonabeau, Marco Dorigo, Guy Theraulaz; vol. 76. 2001. ISBN 0195131584. doi:\bibinfo{doi}{10.1086/393972}.
22. Kumar Bhattacharjya, R., Holland, J.H.. Kalyanmoy Deb, 'An Introduction To Genetic Algorithms. *Scientific American Journal* 1992; **24**(November):1–90.
23. Jamil, M., Yang, X.S.. A literature survey of benchmark functions for global optimisation problems. *International Journal of Mathematical Modelling and Numerical Optimisation* 2013;**4**(2):150–194. doi:\bibinfo{doi}{10.1504/IJMMNO.2013.055204}. 1308.4008.
24. Beale, E.M.L.. *On an iterative method for finding a local minimum of a function of more than one variable*. Princeton: Statistical Techniques Research Group, Section of Mathematical Statistics, Dept. of Mathematics, Princeton University; 1958.
25. Bohachevsky, I.O., Johnson, M.E., Stein, M.L.. Generalized simulated annealing for function optimization. *Technometrics* 1986;**28**(3):209–217.
26. Mirjalili, S., Mirjalili, S.M., Lewis, A.. Grey Wolf Optimizer. *Advances in Engineering Software* 2014;**69**:46–61. doi:\bibinfo{doi}{10.1016/

- j.advgsoft.2013.12.007}.
27. Mirjalili, S.. Dragonfly algorithm: a new meta-heuristic optimization technique for solving single-objective, discrete, and multi-objective problems. *Neural Computing and Applications* 2016;**27**(4):1053–1073. doi:\bibinfo{doi}{10.1007/s00521-015-1920-1}. URL <https://doi.org/10.1007/s00521-015-1920-1>.
  28. Reynolds, C.W.. Flocks, herds, and schools: A distributed behavioral model. *Proceedings of the 14th Annual Conference on Computer Graphics and Interactive Techniques, SIGGRAPH 1987* 1987;**21**(4):25–34. doi:\bibinfo{doi}{10.1145/37401.37406}.
  29. Rao, R.V.. Rao algorithms: Three metaphor-less simple algorithms for solving optimization problems. *International Journal of Industrial Engineering Computations* 2020;**11**(1):107–130. doi:\bibinfo{doi}{10.5267/j.ijiec.2019.6.002}.
  30. Aci, Ç.I., Gülcan, H.. A modified dragonfly optimization algorithm for single- and multiobjective problems using brownian motion. *Computational Intelligence and Neuroscience* 2019;**2019**. doi:\bibinfo{doi}{10.1155/2019/6871298}.