#### Препоръчителна литература при самоподготовка на обучаемите и подпомагане на учебния процес

**Основна литература:**

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2. Engineering Self-Organising Systems: Third International Workshop, ESOA 2005, Utrecht, The Netherlands, July 25, 2005.
3. Genetic algorithms: concepts and applications, IEEE, August 2002.
4. Fraser, A., D. Burnell, „Computer Models in Genetics“, McGraw-Hill, New York, US, 1970.
5. Holland, John, „Adaptation in Natural and Artificial Systems: An Introductory Analysis with Applications to Biology, Control, and Artificial Intelligence“, University of Michigan Press, 1975.
6. Holland, John, „Genetic Algorithms and Adaptation”, Adaptive Control of Ill-Defined Systems, pp 317-333, Department of Computer and Communication Sciences, University of Michigan, US, 1984
7. Lin D., Xiaoming Li, Mingiang Li, A Genetic Algorithm for Solving Portfolio Optimization Problems with Transactions Costs and Minimum Transactions Lots. Proceedings of the First International Conference on Advances in Natural Computation ICNC'05, Publisher Springer-Verlag Berlin, (2005), 808-811.
8. Минчев, Ч., „Изкуствен интелект – теория и приложение при разпознаване на радиолокационни изображения“, ISBN 978-619-7531-15-2, Шумен, 2021

**Допълнителна литература:**

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7. Martin Pelikan, Genetic Algorithms, 2010
8. Xiaoming Li, Marґıa Jesґus Garzar, an and David Padua, Optimizing Sorting with Genetic Algorithms, Department of Computer Science
9. A Genetic Algorithm (GA) Optimization Software for Constrained Problems in MS Excel. http://www.alexschreyer.de/projects/xloptim/
10. EVOLVER - Innovative genetic algorithm optimisation engine for Excel. http://www.palisade-europe.com/trials.asp