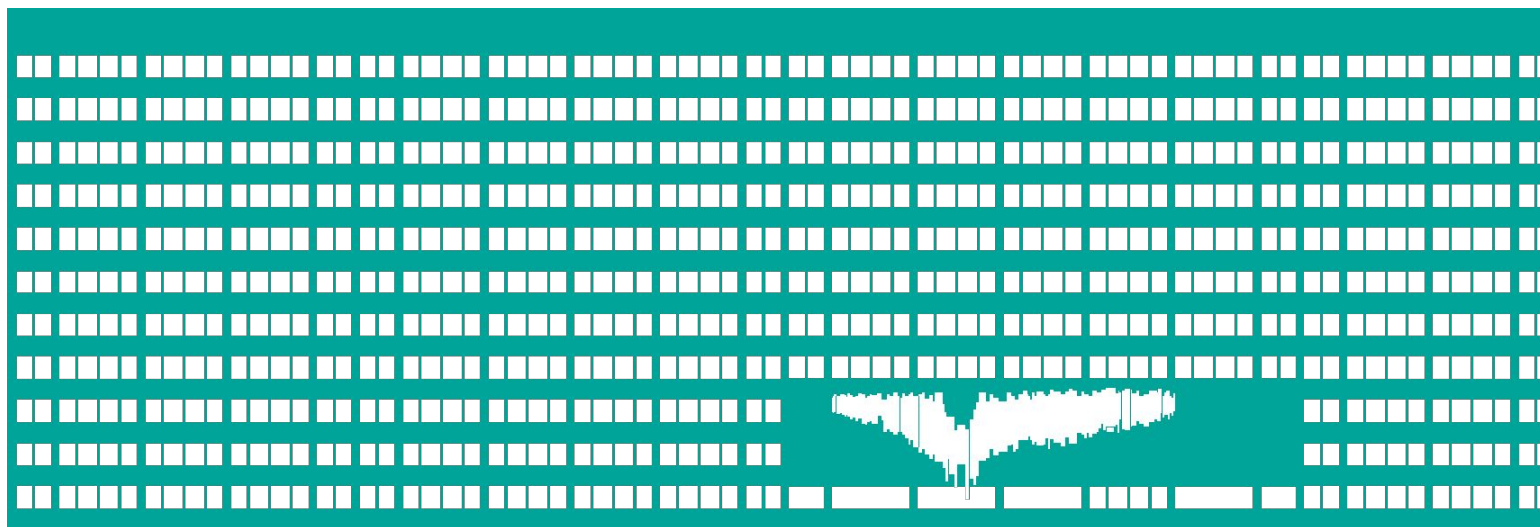


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Biologically inspired algorithms

Exercise 7

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Content

- Self-organizing migrating algorithm (SOMA)

Task

- Implement SOMA AllToOne (look at presentation of prof. Zelinka 09c BIA – Algorithms.pptx)
- Use SOMA to find out the optimal solution of the optimization functions
 - $pop_size = 20$
 - $PRT = 0.4$
 - $PathLength = 3.0$
 - $Step = 0.11$
 - $M_{max} = 100$
- Visualize the process of search (in 3D or using heat map)

Thank you for your attention

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