

Biologically-inspired algorithms and models

0. Course objectives and structure

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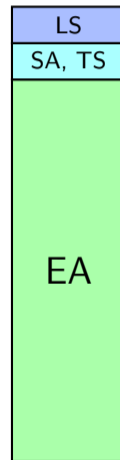
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 - coevolution of structure and neural control systems – evolutionary robotics
 - getting to know one of the most popular evolutionary frameworks in Python
 - comparison of the effectiveness of different search topologies in the same solution space
 - evaluation of different optimization landscapes in the same solution space
 - transformations between search topologies and solution spaces

Course roadmap

Labs:



Lectures:



References I