

Check Points: Competitive and Cooperative Co-evolution

If you are not able to answer some of these questions, first check the slides and lecture notes. If you still do not understand the question, send me an e-mail at Dario.Floreano@epfl.ch

- What is competitive co-evolution?
- What is the difference between formal and computational models of competitive co-evolution?
- What is the recycling problem and how can it be limited?
- What is the problem of dynamic fitness landscape?
- How can we measure co-evolutionary progress?
- What is the Hall of Fame and why is it useful?
- Does competitive co-evolution lead to progress?
- Why it is difficult to explain the evolution of altruistic cooperation?
- What is genetic relatedness and group selection?
- Describe algorithms that vary genetic relatedness and level of selection
- What is the best evolutionary algorithm for evolving cooperative control systems?