Criteria for reviewing a paper

- Do the authors make clear what the paper is about in the beginning?
- Reasons given why related work is not sufficient?
- Approach explained properly?
- Sufficient experiments that supports their intent?
    - Compared to other algorithms?
    - Special cases?
    - ...
- Conclusions based on experiments?
- Style of writing clear?

Evolving neural networks through augmenting topologies.

Stanley, Kenneth O., and Risto Miikkulainen. "Evolving neural networks through augmenting topologies." Evolutionary computation 10.2 (2002): 99-127. Likes:

- Detailed and extensive evaluation
    - Analysis of importance of each of introduced mechanisms
- Well explained and impressive approach
    - Good justification of each mechanism

The transferability approach: Crossing the reality gap in evolutionary robotics.

Koos, Sylvain, Jean-Baptiste Mouret, and Stphane Doncieux. "The transferability approach: Crossing the reality gap in evolutionary robotics." Evolutionary Computation, IEEE Transactions on 17.1 (2013): 122-145. Likes:

- Sophisticated analysis of the results
  - Reasons for difference of different approaches
- Good presentations of results
  - Many visualizing figures
- Good explanation of approach
- Extensive state of the art discussion

Assignment 9

Bastian Lang

Gaier, Adam, and Alexander Asteroth. "Evolving look ahead controllers for energy optimal driving and path planning." Innovations in Intelligent Systems and Applications (INISTA) Proceedings, 2014 IEEE International Symposium on. IEEE, 2014.

Likes:

- Good state of the art discussion
    - deficits/contributions of other approaches
- Well explained approach
    - Description of all involved approaches
- Logical composition of paper
- Thorough analysis of results