

Biologically-Inspired Computation Coursework

Group 31 Raphaël Valeri; Alexandre Kha

Criteria	Mark	Out of	Comments
Implementation <i>(i.e. code for GA and PSO; binding to, or implementation of, benchmarks; comments)</i>	45	50%	Good OOP design. Adaptive weights. A range of GA operators. Periodic resets. Excellent - you've clearly put a lot of work into this.
Comparative study <i>(i.e. choice and motivation of benchmarks, experiments performed, presentation of results)</i>	22	25%	A reasonable selection of benchmark functions, with very good justification. A good experimental investigation of hyperparameters. Results are presented well, and are easy to interpret. My only (very small) criticism is that TVIW and TVAC aren't defined before they're first used.
Wider discussion <i>(i.e. intro, interpretation of results, conclusions, comparison against results reported in the literature)</i>	23	25%	Excellent discussion that shows a very good understanding of these algorithms and optimisation in general. The literature is used well throughout. The conclusions are nuanced and thoughtful. Somewhat over 3 pages though!
Overall Mark	90		