

COMP5232

Coursework

Deadline: Noon, Friday week 27 (4th April 2008)

Evolutionary Computing Exercise (worth 20% of the module's assessment)

Assessment:

Your submitted coursework will be assessed using the following criteria (out of 100% of this coursework):

- Description of what the **solution** to the problem will be (how will it look like). 20%
- Configuration of the Algorithm:
 - 1. Encoding the solution as a chromosome: 20%
 - 2. Describing in detail how to create the initial population: 10%
 - 3. Describing in detail how to measure fitness and with respect to what: 10%
 - 4. Describing in detail how each genetic operator will be applied: 10%
 - 5. Describing the termination criteria: 5%
- Implementation: 25%

Note: points 2-4 are going to be marked taking into account the use given to them to validate the Chromosome.

Plagiarism Warning

The significant use by a student of other people's work and the submission of it as though it were his or her own is regarded as plagiarism. This includes work in preparation for the degree and work submitted to the supervisor for guidance. Work which is not undertaken in an examination room under the supervision of an invigilator (such as theses, dissertations, essays, project work, experiments, observations, specimen collecting, and other, similar work), but which is nevertheless required work forming part of the degree, diploma or certificate assessment, must be the candidate's own and must not contain any plagiarised material. Where two or more students have colluded in a scheme to submit plagiarised work, each of the students involved shall be held accountable for the offence of plagiarism.

MAG 25th Feb 2008.