Statements of Individual Contributions

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Abstract

This document details the individual contributions of each group member to the outcome of the group project, benchmarking A2 algorithm with the COCO platform. It also includes an anti-plagiarism phrase that needs to be signed by every group member.

1 Individual Contributions to the Group

1.1 Eden Belouadah

- First basic implementation of the algorithm (not optimized with some semantic errors),

- Writing the paper except the paragraph of comparison between AII and the 2 other algorithms.

1.2 Mohamed Ali DARGHOUTH

- First implementation of the algorithm,

- Comparison with the BFGS and BIPOP-CMA-ES algorithms.

1.3 Amine Biad

- Comparison with the BFGS and BIPOP-CMA-ES algorithms.

1.4 Taycir Yahmed

- Implementation of the algorithm and hyper-parameters tuning

- Testing the algorithm and benchmarking the final results

1.5 Ghiles Sidi Said

- Improve some parts of the code.

- Provide a virtual machine in the cloud for testing purposes.

- Comparison with the BFGS and BIPOP-CMA-ES algorithms.

2 Anti-Plagiarism Statement

All group work, be it the source code, the documentation, the report, the presentation, or any other contribution have been solely written by the group members or corresponding reused parts have been cited accordingly. We, the group members, confirm herewith as well that we all have read and understood the "What is plagiarism" page of `http://www.plagiarism.org/plagiarism-101/what-is-plagiarism/`.

We hereby declare that the above statement is true to the best of our knowl-edge and belief: Eden Belouadah, Taycir Yahmed, Mohamed Ali Darghouth,Ghiles Sidi Said, Amine Biad