Figure 1: Best runs for the Dinic algorithm
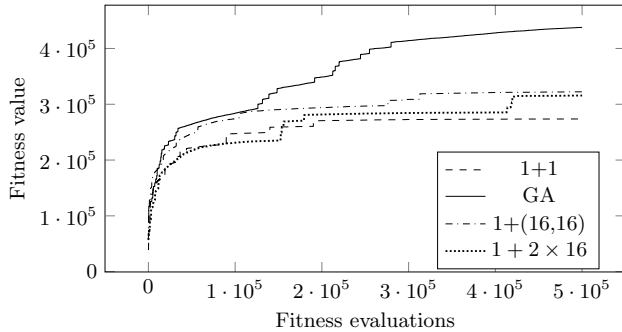

Figure 3: Best runs for the ISP algorithm
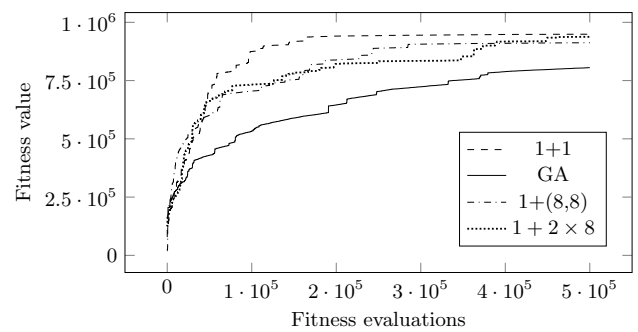

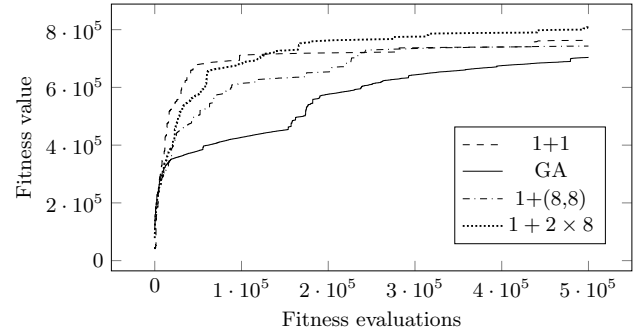**Figure 2: Median runs for the Dinic algorithm**

Figure 4: Median runs for the ISP algorithm

considered maximum flow algorithms, which suggests that the adaptation heuristic seems to be overfitted for ONEMAX and is not promising for at least some other problems.

On the problem of maximum flow test generation, the $(1 + (\lambda, \lambda))$ EA showed itself a rather good default choice which is almost insensitive to the generation size. However, there probably exist some ways to tailor this algorithm using a suitable heuristic to the considered problem, which, in turn, may serve as a starting point to more general methods of improving the running time of the $(1+(\lambda, \lambda))$ EA for more general classes of problems.

The source code for the experiments is published at GitHub[1]. This work was financially supported by the Government of Russian Federation, Grant 074-U01.

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[1]https://github.com/NinerLP/papers/tree/master/one-ll