Adaptive Adjustment Method
for Control Flow of Individual Tasks
in Parallel Environment\textsuperscript{1}

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The model of isolated task execution is formulated in extended control flow terminology. The two main classes of possible bottlenecks in the control flow are identified: data transfer through communication channels and task execution on the computing nodes. For each case the scheduling algorithm is proposed. The execution time upper bound depending on the size of the heterogeneous computing network is proposed.

Bibliogr.: 10 refs.

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