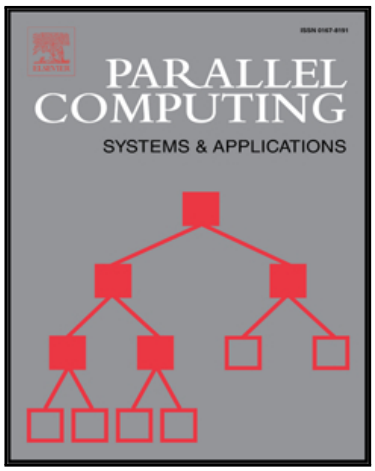

Computing the expected makespan of task graphs in the presence of silent errors

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Highlights

- Scheduling task graphs on failure-prone processors is an important problem
- Computing the expected makespan of a schedule is computationally difficult
- A first-order approximation method for computing the expected makespan is proposed
- The proposed method outperforms previously proposed methods in accuracy and speed