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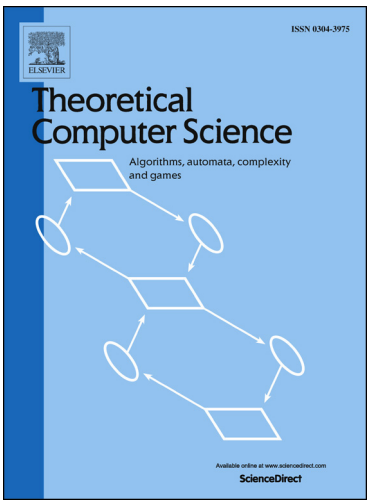

Optimal coloring for data collection in tree-based wireless sensor networks

Shih-Ming Lo, Wu-Hsiung Lin, Chiuyuan Chen, Yu-Chee Tseng

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Highlights

- The interference problem during data collection in a dense duty-cycle WSN is studied.
- The relaxed interference set is used to solve the interference problem.
- An optimal 6-color tree-based data collection algorithm is presented.

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