

Comparison of Top trees implementations – Abstract

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Definition and description of Top trees and introduction of problems solvable by them including problem of edge 2-connectivity. Definition and description of Topology trees used as one of the drivers for Top trees.

After the initial descriptions the two top trees implementations are introduced: one based on self adjusting trees, second based on topology trees. Comparison of these implementations is done by two experiments. Measurements are discussed in conclusion – results corresponds with initial estimates but with different multiplicative constant than expected.