Title: Recurrence templates for series-parallel graphs

Peter Slater, University of Alabama in Huntsville, Huntsville, AL 35899
Email: slaterp@uah.edu and pslater@cs.uah.edu

Abstract: Algorithms for evaluating parameters on trees, series-parallel graphs, or tree-width $k$ graphs based on initializing the base case(s), establishing the recurrences, and considering the terminating conditions are inherently similar. Here I consider sets of parameters that can be considered to be algorithmically identical based on the possible recurrences constructed for series-parallel graphs.

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