## Computer Science > Data Structures and Algorithms

## Edge-coloring series-parallel multigraphs

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(Submitted on 27 Jul 2011)
We give a simpler proof of Seymour's Theorem on edge-coloring seriesparallel multigraphs and derive a linear-time algorithm to check whether a given series-parallel multigraph can be colored with a given number of colors.

Subjects: Data Structures and Algorithms (cs.DS); Combinatorics (math.CO) Cite as: arXiv:1107.5370v1 [cs.DS]

## Submission history

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[v1] Wed, 27 Jul 2011 02:54:20 GMT (13kb)
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