

graph arboricity or matroid partitioning code needed

Source: <http://sci.tech-archive.net/Archive/sci.math.num-analysis/2004-10/0324.html>

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Date: 10/19/04

Date: 18 Oct 2004 19:25:14 -0700

Hi all,

For my PhD, I need to find the arboricity (and the corresponding forest factorization) of a graph in polynomial time. Does anyone have example source code for this, e.g. as described in-

H. Gabow and H. Westermann "Forests, frames, and games: algorithms for matroid sums and applications", Proceedings of the twentieth annual ACM symposium on Theory of computing, pp 407 – 421, 1988

or

H. Gabow, "Algorithms for Graphic Polymatroids and Parametric s-Sets", JOURNAL OF ALGORITHMS 26, 48–86 1998.

or an implementation of matroid partitioning code would also be of assistance e.g. as described in

<http://www-db.stanford.edu/TR/CS-TR-73-342.html>

Thanks,
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