

Packing Steiner Trees

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An *A-tree* in a graph is a subgraph which covers A , and an *A-tree-packing* is a family of edge disjoint A -trees. Large A -tree-packings indicate good connectivity properties of A . In real networks, they yield good fault tolerance or transmission bandwidth among a selected set of vulnerable or service providing nodes, respectively, as in backbone- or hub-&-spoke-architectures. Therefore, it is desirable to find good solutions for the corresponding packing problem. The talk surveys the efforts put into this over the past years.