

Packing non-zero A -paths

A path-packing problem on group-labeled graphs

[Chudnovsky et al. 2006]

Poly-time solvable but not so fast

[Chudnovsky et al. 2008]

Generalization

Extendable?

Mader's disjoint \mathcal{S} -paths

Efficiently solvable via linear matroid parity

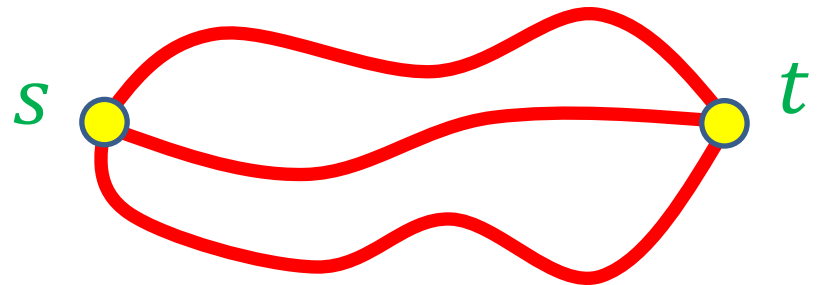
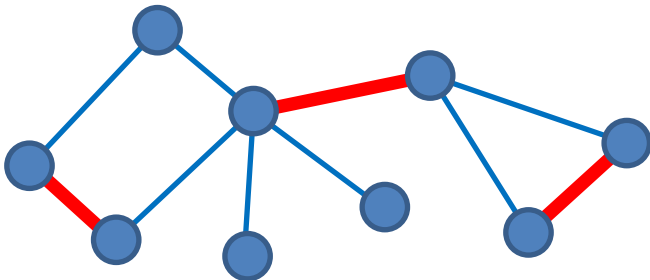
[Schrijver 2003]

[Mader 1978]

Common generalization

Non-bipartite matching

Menger's disjoint paths



Necessary and sufficient condition
for natural reduction to L.M.P.

[Y. 2014]

Packing A -paths
with subgroup forbidden

Extendable
under some
conditions

Path-packing problems
on group-labeled graphs

[Pap 2006]

Generalization

Packing non-zero A -paths

[Chudnovsky et al. 2006]

Generalization

Mader's disjoint \mathcal{S} -paths

[Mader 1978]

Efficiently solvable
via linear matroid parity

[Schrijver 2003]