

Packing non-zero A -paths

A path-packing problem
on group-labeled graphs

[Chudnovsky et al. 2006]

Generalization

Poly-time solvable
but not so fast

[Chudnovsky et al. 2008]

Extendable?

Mader's disjoint S -paths

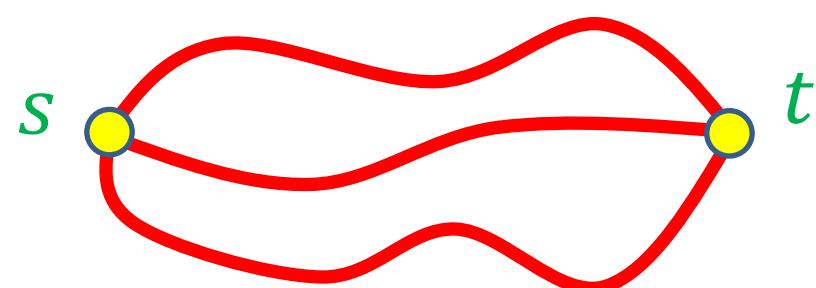
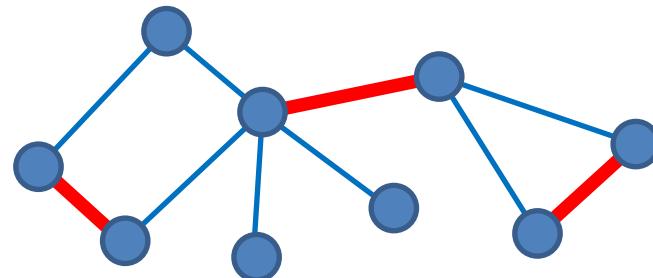
[Mader 1978]

Common
generalization

Efficiently solvable
via linear matroid parity
[Schrijver 2003]

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

Path-packing problems
on group-labeled graphs

[Pap 2006]

Generalization

Extendable
under some
conditions

Packing non-zero A -paths

[Chudnovsky et al. 2006]

Generalization

Mader's disjoint S -paths

[Mader 1978]

Efficiently solvable
via linear matroid parity
[Schrijver 2003]