Reductions Max Plom, Min Cut Max Matching Perfect Matchy Edge Disj Paths Network Reliability

Reduce to Minent when ne need to find a 2-parti of vertices.

Another There: Sometimes you need to construct graph. when SDP: useful when a natural ordering on ults of prob.

to Max-flow, Mincret: No order is involved.

when

the Max-flow, min

Max-flow, min

does to (A,B)

(A,B)

Min - (Zai + Zib) - Zi Pii) + Zi ai + Zib;

(A,B)

(A,B)

(A,B)

Min - (Zai + Zib) - Zi Pii) + Zi ai + Zib;

(A,B)

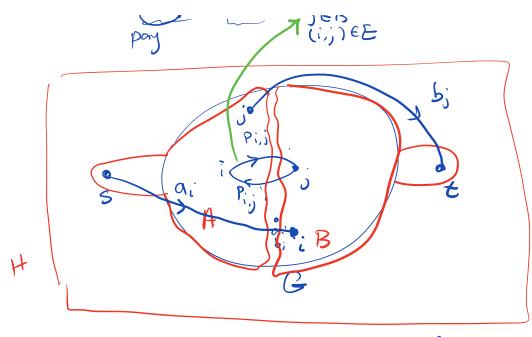
(A,B)

(A,B)

April 20

A,B

= Min & ai + & bi+ & Piss (A,B) ieB ieA ieA



connet s to all i with use of capa ai

