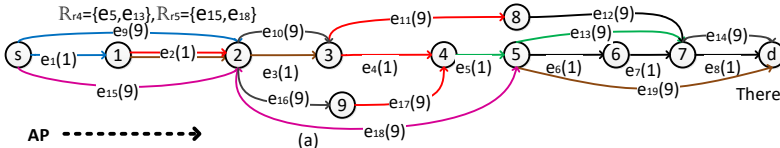


SRLG:

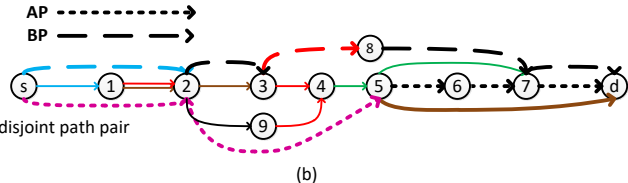
$R_{r1}=\{e_1, e_9\}, R_{r2}=\{e_2, e_3, e_{19}\}$ $e_i(x)$, x is weight of edge e_i .

$R_{r3}=\{e_2, e_4, e_{11}, e_{17}\}$

$R_{r4}=\{e_5, e_{13}\}, R_{r5}=\{e_{15}, e_{18}\}$



There is a SRLG-disjoint path pair

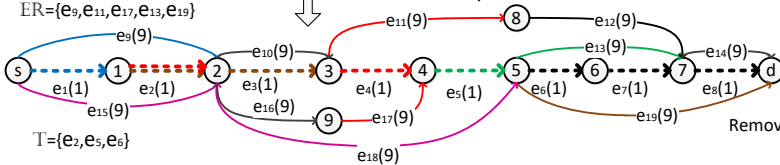


(b)

$AP=\{e_1, e_2, e_3, e_4, e_5, e_6, e_7, e_8\}$

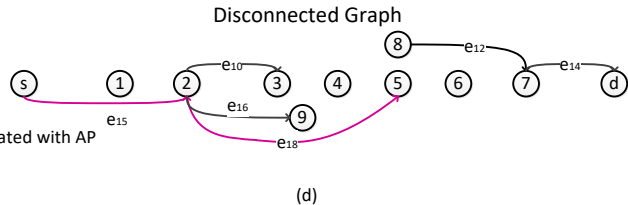
$ER=\{e_9, e_{11}, e_{17}, e_{13}, e_{19}\}$

Find a shortest path as AP



$T=\{e_2, e_5, e_6\}$

Remove edge related with AP



(d)