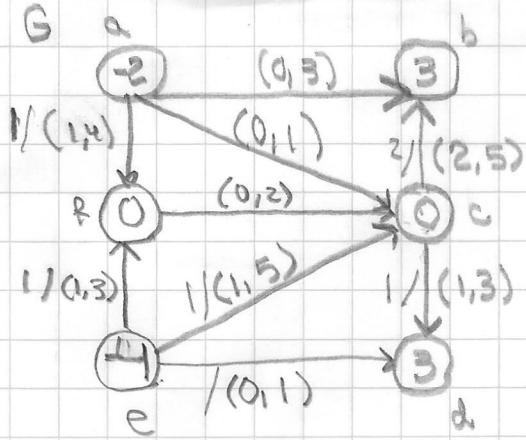
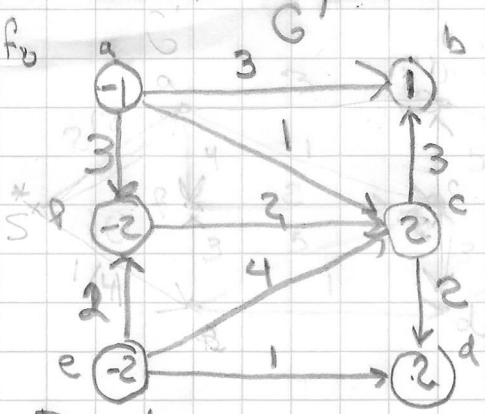
(11) G



f_0 G'

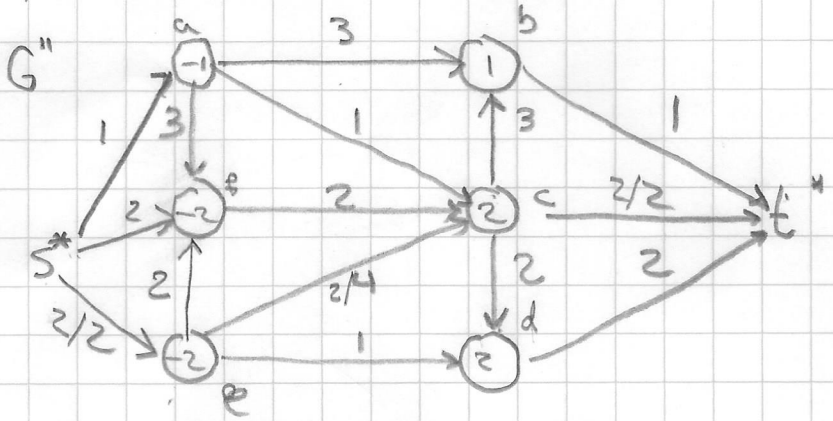


D = 6

$L_a = 0 - 1 = -1$
$d_a = -2 - (-1) = -1$
$L_b = 2 - 0 = 2$
$d_b = 3 - 2 = 1$
$L_c = 1 - 3 = -2$
$d_c = 0 - (-2) = 2$
$L_d = 1 - 0 = 1$
$d_d = 3 - 1 = 2$

$L_e = 0 - 2$
$d_e = -4 - (-2) = -2$
$L_f = 2 - 0 = 2$
$d_f = 0 - 2 = -2$

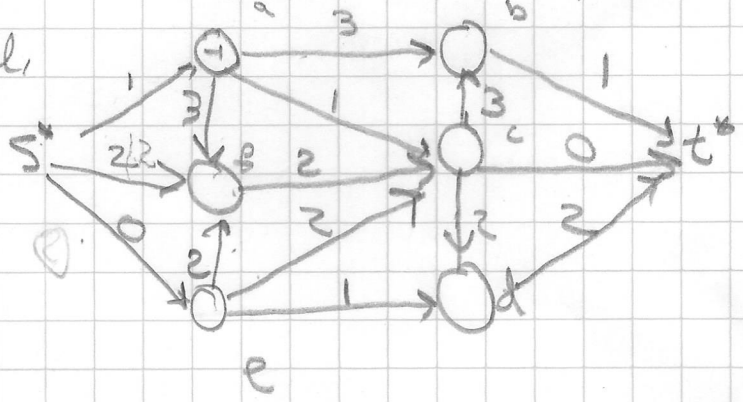
G''



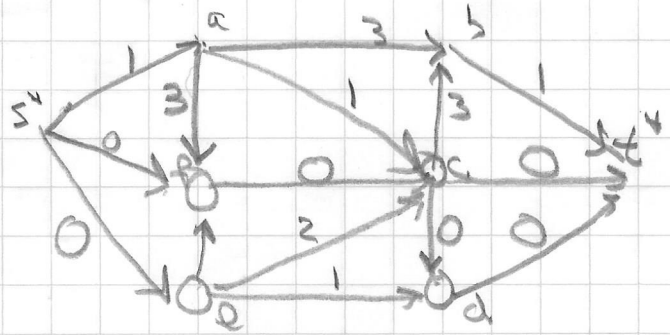
Find max flow in G''

$P_1 = \langle s^*, e, C, t^* \rangle = C_f(P_1) = 2$

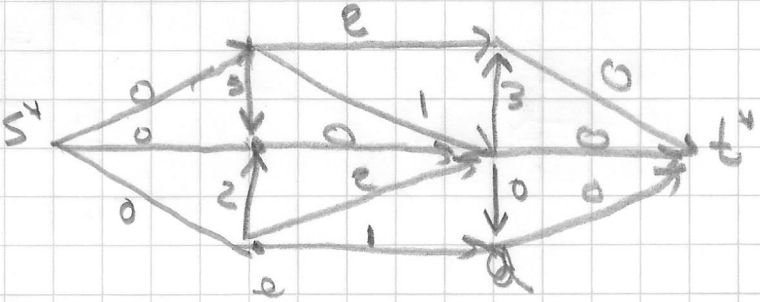
residual

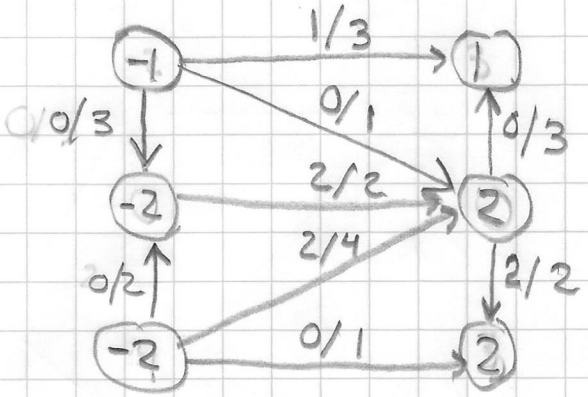


$P_2 = \langle s^*, f, c, d, t^* \rangle \quad C_f(P_2) = 2$

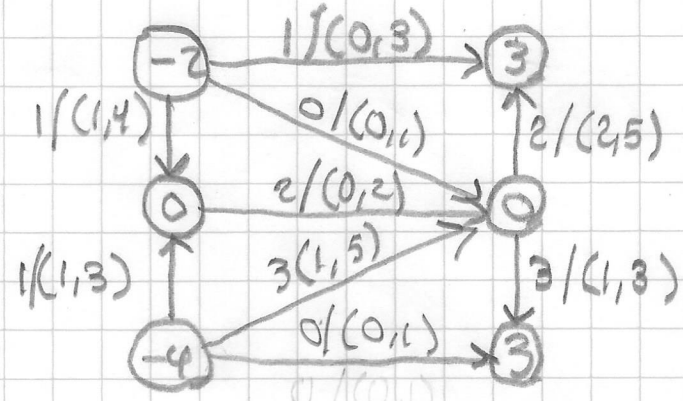


$\Phi_3 = f(s', a, b, t)$





G' flow



G flow