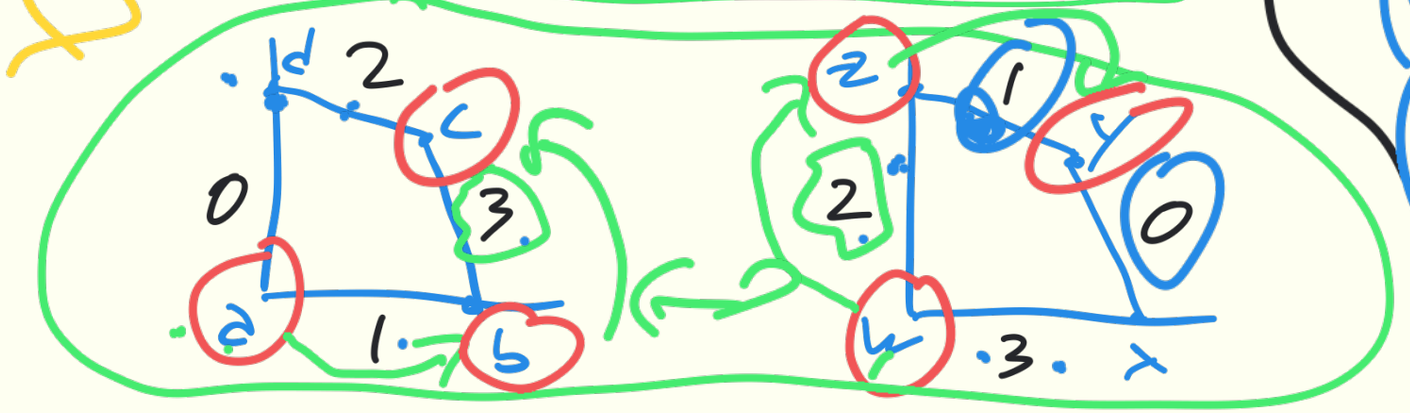
Lemke-Howson

$$A = \begin{pmatrix} 3 & 1 \\ 1 & 3 \end{pmatrix} \qquad B = \begin{pmatrix} 1 & 3 \\ 3 & 1 \end{pmatrix}$$

P		Q	
$a = (0,0)$	$\{0,1\}$	$w = (0,0)$	$\{2,3\}$
$b = (\frac{1}{3},0)$	$\{1,3\}$	$x = (\frac{1}{3},0)$	$\{0,3\}$
$c = (\frac{1}{4},\frac{1}{4})$	$\{2,3\}$	$y = (\frac{1}{4},\frac{1}{4})$	$\{0,1\}$
$d = (0,\frac{1}{3})$	$\{0,2\}$	$z = (0,\frac{1}{3})$	$\{1,2\}$



(a, w) {0, 1, 2, 3}

(b, w) {1, 2, 3}

(b, z) {1, 2, 3}

(c, z) {1, 2, 3}

(c, y) {1, 2, 3, 4}

drop "0"

(picked up 3 so drop 3 in Q)

(picked up 2 so drop 2 in P)

(picked up 2 so drop 2 in Q)

(a, w) drop 3

(a, z) drop 1

(d, z) drop 2

(d, y) drop 0

(c, y)

$(\frac{1}{2}, \frac{1}{3})$