



$$\begin{pmatrix} -1 & -1 & 0.5 \\ 1 & -1 & -0.5 \\ -1 & 1 & -0.5 \\ 1 & 1 & -1.5 \end{pmatrix}$$

r_1^{in}	r_2^{in}	r_1^{out}	r_2^{out}	r_3^{out}	r_4^{out}
0	0	1	0	0	0
1	0	0	1	0	0
0	1	0	0	1	0
1	1	0	0	0	1