

M^k	$\pi_2^{(1)}$	$\pi_2^{(2)}$	\dots	$\pi_2^{(k)}$
$\pi_1^{(1)}$	0, 1	1, 2	\dots	0, 3
$\pi_1^{(2)}$	2, 1	0, 1	\dots	1, 1
\vdots	\vdots	\vdots	\cdot	\vdots
$\pi_1^{(k)}$	5, 1	0, 1	\dots	4, 3