

0	1	2	...	N-1
1xN	$\begin{smallmatrix} \bullet & & \\ & \bullet & \\ & & \bullet \end{smallmatrix}$			
\vdots		$\begin{smallmatrix} \bullet & & \\ & \bullet & \\ & & \bullet \end{smallmatrix}$		
(K-1)x N	(KxN) -1