

Type 1 ( $N_{\text{jobs}}=i$ )

Input	Output	State
$I_{11}$	$O_{11}$	$S_{11}$
$I_{12}$	$O_{12}$	$S_{12}$
...	...	
...	...	
...	...	
...	...	
...	...	
$I_{2i}$	$O_{2i}$	$S_{1i}$

Type 2 ( $N_{\text{jobs}}=j$ )

Input	Output	State
$I_{21}$	$O_{21}$	$S_{21}$
$I_{22}$	$O_{22}$	$S_{22}$
...	...	
...	...	
$I_{2j}$	$O_{2j}$	$S_{2j}$

Type 3 ( $N_{\text{jobs}}=k$ )

Input	Output	State
$I_{31}$	$O_{31}$	$S_{31}$
$I_{32}$	$O_{32}$	
...	...	
$I_{3k}$	$O_{3k}$	$S_{3k}$