

Config.	p	B_1	T_1	T_2	B_2
1	0	\emptyset	1^1	$2, \dots, N$	$N+1, \dots, 2N$
2	0	\emptyset	$2N+1$	$1, \dots, N-1$	$N, \dots, 2N-1$
3	0	$2N+1$	\emptyset	$N, 1, \dots, N-1$	$N+1, \dots, 2N-1$
4	1	\emptyset	\emptyset	$2N+1, N, 1, \dots, N-2$	$N-1, N+1, \dots, 2N-1$
5	0	\emptyset	\emptyset	$N-1, 2N+1, N, 1, \dots, N-3$	$N-2, N+1, \dots, 2N-1$
\dots	0	\dots	\dots	\dots	\dots
$N+2$	0	\emptyset	\emptyset	$2, \dots, N-1, 2N+1, N$	$1, N+1, \dots, 2N-1$