

A

 X'

B

 X

1	1	1	1	$T_{is} = 1$	1	1	1	1
1	0	1	0	$T_{is} = 2$	1	0	1	0
0	1	0	1	shift by 1	0	1	0	1
1	0	0	1	$T_{is} = 3$	1	0	0	1
0	1	0	0	shift by 1				
0	0	1	0	shift by 2				
1	0	0	0	$T_{is} = 4$				
0	1	0	0	shift by 1				
0	0	1	0	\vdots				
0	0	0	1	shift by 3				

redundant

ambiguous period