Transformation Rules (id : $t \in T$)		
$1: 00 \rightarrow 01$	$2:00 \rightarrow 10$	$3:00 \rightarrow 11$
$4: 01 \rightarrow 00$	$6:01\to10$	$7:01\to11$
$8: 10 \rightarrow 00$	$9: 10 \rightarrow 01$	$11: 10 \rightarrow 11$
$12: 11 \rightarrow 00$	$13:11 \rightarrow 01$	$14: 11 \rightarrow 10$