

TABLE I
ARC CONFIGURATIONS OF THE k TH PICKING AISLE WHEN STATE TRANSITS FROM STAGE k TO $k + 1, k \in \{2, \dots, n - 1\}$

State at stage k	State at stage $k+1$				
	s_1	s_2	s_3	s_4	s_5
s_1	(ii)/(iii)/(iv)	(i)	(i)	(i)	impossible
s_2	(i)	(ii)	impossible	impossible	(iii)/(iv)
s_3	(i)	impossible	(iii)	impossible	(ii)/(iv)
s_4	(i)	(iii)/(iv)	(ii)/(iv)	(ii)/(iii)/(iv)	impossible
s_5	(i)	impossible	impossible	impossible	(ii)/(iii)/(iv)