

Table 1: The causal states and their assigned strings for  $l = 3$ .

State 0	State 1	State 2	State 3	State 4
0	2	4	20	40
00	02	04	200	400
000	22	24	020	040
	42	44	220	240
	002	004	420	440
	202	404		
	022	024		
	222	224		
	422	424		
	042	044		
	242	244		
	442	444		