

Present state	Next state				Output s
	$ab = 00$	01	10	11	
G_0	G_0	G_1	G_1	H_0	0
G_1	G_0	G_1	G_1	H_0	1
H_0	G_1	H_0	H_0	H_1	0
H_1	G_1	H_0	H_0	H_1	1

Figure 6.45 State table for the Moore-type serial adder FSM.