Class Exercise—State Diagrams

11/30/15

Determine a minimal state table for the Mealy network defined by the following network state table:

Present state	Next state		Output (z)	
	Input (x)		Input (x)	
	0	1	0	1
*A	B	C	0	0
B	C	D	1	0
C	B	E	0	0
D	F	E	0	0
E	G	A	0	0
F	F	H	1	0
G	A	D	1	0
H	D	F	1	1

(b)