

Dolo-650

January
Wednesday 25

0	1		NF	F
q_1	q_2	q_3		
q_4	q_3	q_5	F	F

0	1		NF	F
q_3	q_4	q_3		
q_5	q_2	q_5	NF	F

(q_2, q_4) are equivalent.

Notes:

January '17

Mon 30 2 9 16 23

filling start stack following algorithm. The final states C, F and I are the final states of the DFA using table A of the

S	O	I
A	B	E
B	C	F
C	D	H
D	E	H
E	F	T
F	G	B
G	H	B
H	I	C
I	A	E

B	X						
C	X	X					
D		X	X				
E	X		X	X			
F	X	X		X	X		
G		X	X		X	X	
H	X		X	X	X	X	
I	X	X		X	X	X	X

February '17						
Mon	6	13	20	27		
Tue	7	14	21	28		
Wed	1	8	15	22		
Thu	2	9	16	23		
Fri	3	10	17	24		
Sat	4	11	18	25		
Sun	5	12	19	26		

Dolo-650

January
Monday 23

	O	I	NF	NF
P	E	H		
G	F	I	NF	NF

	O	I	NF	NF
D	E	H		
H	I	C	F	F.

	O	I	F	F
E	F	I		
G	H	B	NF	NF
	O	I		
E	F	I	F	F
H	I	C	F	F

	O	I	NF	NF
X G	H	B		
H	I	C	F	F

pairs

(A, D)

(B, H)

(C, F)

(A, G)

(B, E)

(C, I)

(D, H)

(D, G) \rightarrow (A, D, G)

(E, H) \rightarrow (B, H, E)

(F, I) \rightarrow (C, F, I)

(D, H)

Notes:

January '17

Mon 30 2 9 16 23

Tue 31 3 10 17 24

Wed 4 11 18 25

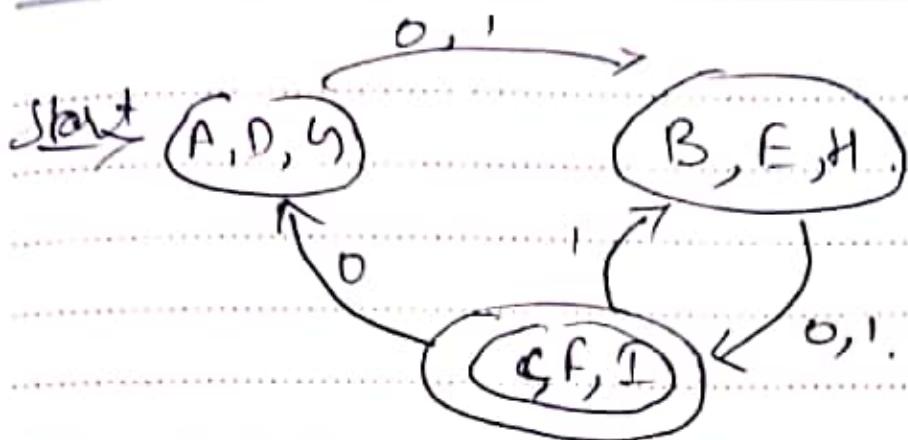
Thu 5 12 19 26

	O	I			
A	B	E	NF	NF	
D	E	H	NF	NF	
	O	I			
P	B	E	NF	NF	
G	H	B	NF	NF	
	O	I			
A	B	E	NF	NF	
H	I	C	NF	NF	
	O	I			
B	C	F	F	F	
D	E	H	NF	NF	
	O	I			
E	B	C	F	F	
	E	F	I	F	F
	O	I			
B	B	E	NF	NF	
G	H	B	NF	NF	
	O	I			
C	D	H	NF	NF	
F	G	B	NF	NF	
	O	I			
C	D	H	NF	NF	
I	A	E	NF	NF	
	O	I			
D	E	H	NF	NF	
E	F	I	F	F	

Sunday 22

Notes:

D	E	H	NF	NF
E	F	I	F	F



Consider the DFA given by the transition table.

δ	0	1
q_1	q_2	q_3
q_2	q_3	q_5
q_3	q_4	q_3
q_4	q_3	q_5
q_5	q_6	q_5

q_2	x			
q_3	x	x		
q_4	x		x	
q_5	x	x		x
	q_1	q_2	q_3	q_4

(q_2, q_4)
 (q_3, q_5)

	0	1	F	F
q_2	q_3	q_5		
q_4	q_3	q_5		

Notes:

the following DFA using table algorithm where A is the start state. The states C, F and I are final states.

O	I
B	E
C	F
D	H
E	H
F	I
G	B
H	B
I	C
A	E

Y						
X	Y					
X	X	X	X			
X	X	X	X	X		
X	X	X	X	X	X	X

Step 1 - cross combination of final
and non-final states.

Comb of A Σ B:

O	I	E	(CNF, NF)
A	B	F	(CF, F)
B	C	H	

A Σ D

O	I	E	(CNF, NF)
A	B	E	(CNF, NF)
B	D	H	(CNF, NF)

A Σ E

O	I	E	(NF, NF)
A	B	E	(NF, NF)
B	E	H	(F, F)

A Σ H

O	I	E	(NF, NF)
A	B	E	(NF, NF)
H	I	C	(F, F)

O	I	F	F	F
B	C	H	NF	NF
D	E			

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