4.2.1

a) The BM machine doesn't saisfy The maximal bet property as The input burst from State-2 to state-0 (6-) is a Subset of input burst from. State 2 to State-1 (at, 6-)

b) Doesn't Ratisfy - State-2 to State-4 (at)

is a Subset of State-2 to State-1 (at, to)

e) Doesn't Satisfy - State-2 to State o (to)

is a Subset of State-2 to State 1 (at to)

d) Doesn't Satisfy - State-2 to State 0 (to)

is a Bubbet of State-2 to Rtate-1 (at, b-).

4.2.2

a) It is not a BM-machine. State -0-1-4-0

-> value xino' starts with a low but ends in a high.
b) It is not a BM-machine

State - 0-1-4-0

- 1 value in X ltaris al low in state o' ends in high.
c) It is not a BM-machine

State - 0-1-4-0

-7 Johnes 'y' to be low, while ut is already low.

d) It is a legal BM-machine.

	1							
1 0								
4.3	initia	1 value	S = 01	00 = 000	)			
	1.4100	V CCC		7 = 01				
abc-	1		J					
		001	011	010	110	111	101	100
So	(30,01	82,00						
<u>81</u>				)	S1, 10 (31), 10	ŀ	84,11	
S2		(S2)00						83,01
83							S4,11	(3)01
84	_	S5, 01					(Se),11	
S5-	So, 01	S5),01			1 2	<i>y</i>		
					-2 <b>1</b> 1			
					1 1			
4.4)			7 )	1		<u> </u>		
							2 .	-1
1	The extended Burst machine doesn't satisfy							
	The maximal Set property as The							
	The maximal Set phoperty as The Compulsaly thankition (b+) I from The							
	(orapulsaly thankition (b+) I from The input bulst o) State 1 to State 3 cis a Subset of The input bulst (a*, b+) I som State 1 to State 4.							
	a Subset of the input (ows+ (a*,6+) from							
	Sto	ate 1	to Sta	ete 4.	)			
				- 1	1 0+	1.	2 11 1	
) (	) Soutis	fies Th	e ma	nimal	Properti	1; a	1 The	he ces
	i) Soutisties The manimal phoperty; as There is a Stable Signal d, differentiating The Hansitians from States 1 and 2.							
	Drom	State	0 10	State	land	12.		
T. G. Carlo	7				n 1			1
Si	i) The KBM doesn't satisfy the maximal phoperty. as thansition at doesn't have a compulsaly set thankition in state o'.							ر -
	shoperty, as thansition at doesn't have,							
	compulsary of thankition in state o.							

4.6	
	4.6.1)
# Commence	a) It's not safe as it is unbounded
	b) Saje as it is K-bounded, K=1.
A Porto A Principal	c) Safe as it is K-bounded, K=1
	d) unsofe as it is K-bounded with K=2.
	V
	4.6.2)
Name of the second	4.6.2) a) live
	b) live
, , , , , , , , , , , , , , , , , , ,	c) live
era di kalanga kan paksansan	d) Is not live as a+, bt, a-, b- are dear
	25 HOT SAVE COS QT, NOT, U", 6 - COQ COCO
	Whiteham Francisco Description of the Committee of the Co
4.7)	
C	) State machine -> graph (c)
6	State machine —> graph (c)  ) Moduried offaph —> graphs (a)  ) Free-choice net —> graphs (a) (c)  l) Extended free Choice-net —> graphs (a) (c) (d)  e) Assymethic choice-not —> graphs (a) (b) (c) (d).
Ç	) Free-choice net -> graphs (a) (c)
•	1) Extended free choice-net - graphs (a) (d)
i dinakan melangan angan yang	e) Assymethic choice - not -> graphs (a) (b) (c) (d).
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