

7 Check final & Non final states 7 1) Similarity 7 Minimized

State/Σ	0	1	1) columba est of
$\rightarrow q_0$	q_1	<i>q</i> ₅	1) separate set of
(q_1) (q_2) (q_3)	9 ₆ 9 ₀	$\frac{q_2}{q_2}$	final & Non final states
$\overset{\boldsymbol{Q}_3}{q_{\scriptscriptstyle A}}$	q ₂ q ₇	q_6	
95 75	9 2	q_6	3923 390,91993,94195,963
96 97	46 96	94 92	
Nde: - 80	et can't be	2	2) wheck transchor of Every
bined	of final A N	lon	Brake 112 = B & 290,24968
1	1 Hal	9	10 = BB 94 = BB 2019 8
Exclude	LUNTRACU	1000	
Stock		7	12-BA 95=AB 2717145 13-AB 96-BB 273,9552925 97-BA273,9552925
		,	97 = BAL

T1=2923220,91,93194,95 State/S Th= 3923290,943291,973293,953 3919973 39395 329232963 390,943

State/Σ	0	1	TI4=59.	35963 Munn	
	$\frac{q_1}{q_6}$	q_5 q_2 q_2	290	1943291,279	52931953
93 9 ₄ 95	$rac{q_2}{q_7}$	9 ₆ 9 ₅ 9 ₆		. 0	1
98 97	9 ₆	9 ₄ -	790,94	9 N, 9 F	23,25
	9119		90197	96	22
Thom			93.95	92	96
41	0 (63)	6)	(92)	90,24	92
(2395)	7 ()		26	26	90,94
	y		•	I	•

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EXAMPLE 3.21

Construct a minimum state automaton equivalent to a DFA whose transition table is defined by Table 3.30.

•	TABLE 3.30	DFA of Example 3.21	
State		а	b
$\rightarrow q_0$		91	q_2
q_1 .		q_4	q_{3}
q_2		94	q_3
q_2 q_3		q_5	96
Q ₄ Q ₅		q_7	q_6
$\widetilde{q_5}$		q_3 .	Qe
q_{5}		q_6	g ₆
q_7		94	96

Ty= 293,943 2903 3963 391,923 14-223,932903 2963 291,923 295,973