MINIMIZATION OF FINITE AUTOMATA 2017 Spring 1(b) Solution:

Hore, the given transition table is

812	0	. 1
-> 90	9,	92
→ 90 * 91	V2	23
	9 2	a 2 2
* 92 * 93	75	12
× 9.4	24	92
75	94	92
9,6	7-5	96
96 97	75	26

Now, Zero equivalence classes are:

1 equivalence tests:

$$90 = 92$$
 $96 = 90$
 917
 $97 = 90$
 $93,94,95$

11 = 94 Hence, I equivalence classes are:
93 = 94

93 - 19 9, \$ 95 93 = 95 73 = 95 T1 = { { 90,96,97}, {92}, {9,} } 93,94,95}}

