

Proble	m2:
II OBIC	
	M, = (Q, E, 8, 19, F)
	$M_2 = (0, 5, 6, 6, 6)$
	I believe to modify this proof's transitions. and Emust be changed.
	$\frac{1}{2000} = \frac{1}{2000} = 1$
	GIO ZIMON DE CHANGEA.
	Let M, recognize dipriabet E.
	and M2 recognize alphabet &2
	Let M recognize &= E,UE,
	,
	M=(B, E, 8, 90, F)
	$Q = \frac{1}{2} \left(\frac{r_1(r_2)}{r_1 \in Q_1} \right) $ and $r_2 \in Q_2 = \frac{1}{2}$
	$\Sigma = \Sigma_1 \cup \Sigma_2$
	β= Q× ≥ → Q
	For.
	(r, r2) EQ 8((r, r2), a) = (d, (r, a), 8, (r, a))
	ac ZIUZZ
	if $\alpha \in \Sigma$, but $\alpha \notin \Sigma_2$
	$\frac{\delta((r_1,r_2),a)=(\$,(r_1,a),r_2)}{\delta((r_1,r_2),a)}$
	if a ∈ Σ2 but a ∉ Σ, S((rur),a)=(r, 82(r2,a))
	90 = (q1192)
	F= { (x1, 12) (1, EF, or 12 EF2}
1	

	Pedge Inelson
Proble	
FIOS	1.
	->6, (1) + (1) + (9) (6)
	Simplified . Company
	0=00 \ 3=11 Accept \ 4=100 Reject X
	$3 = 11$ Accept $\sqrt{4 = 100}$ Reject X $9 = 1001$ $\sqrt{11 = 1011}$ X
	15 = 1111 / 35=100011 X
	33 = 100001 / 226 = 11100010 X
	1014 = 111110110 V 1015 = 111110111 X
	Statted by trying to use the
	Sugit CG ST This
	than the input 3. This coused the
	HONGES FSA. After the simplifying
	and adjusting to the remainders the DFA accepts the vanguage Dz
	the DI-H accepts the Hanguage D
	74.

