Acceptance by stack enpty M= (Q, E, T, d, Ao, 2, F) (i) I(M) = acceptance by find state {w/ (90, w, 20) + + (P, E, 8) } Final Shake (ii) N (m) = a captric by cupty Ind {W & & | (90, 0, 20) + (P, &, &) } L) am oll L) any shite (PEQ) Language 2 0 1 / 2 = 0 3 0,20/azo 0,a/aa 1,a/E €,20/€ M= { 293, 20,13, 2A,203, 5, 9, 20,03 to And Shake From Emphy Shick acceptance M= [a. E, r, 8, 2, 20,0] > 0 (10/20 Xo) 0 (10/10) M. = { OUJ P, P, } & TEXO.3 8, 3 M. = [00 {P, P, 3, 5, 50 [xo3, 5, 90 ]]

T(W') = N(W) Proved. 0,20/020 Final State acceptance u, t ae M= (0, E, T, S, 20, 20, F) + (P. c, C) L= {w & fo, 1 } w is equal no. & o's & 1s ->stack symbol 01101100 1/0 symbol -1/13