Now wing Jolynomial U0 = 0+02 vi(0) = = ui(0) & gif(D) $y'(0) = (1+D^2) \cdot 1 + (1+D) \cdot 0 + (D+D^2) \cdot 0 = 1+D^2$ y2(0) = D2+03 (m,k_2m) v3(D) = 1 + D2 + D3 + D4 $V(D) = V'(D'') + D \cdot v^{2}(D'') \cdot D \cdot$ $\%(D) = 0^{1}(D^{4}) + D0^{2}(D^{4}) + D^{2}V^{3}(D^{4}) + D^{3}v^{4}(D^{4})$ = 1+08 + D (D + 012) + D2 (1+0+ D'2+016) + D3 (D'2+016) (Received word) Rec = 01, 11, 10, 10, 00, 11, 000

W

(2,1,2)

Memory content in chiff register: 00,01,10,0011

Making automata for whist register.



