LC Se 7 Dr. Shaabany , α_n) = $\alpha_i \cdot f(\alpha_1, \dots, \alpha_n) + \overline{\alpha_i} f(\alpha_i, \dots, \alpha_n)$ Synthesize -

 $-d = 1d - d = ||| - o|| o| = (|o|| o)|_{\mathcal{U}}$

14 2'compl. N = l - |N|15 $l = u^n$

16 + 8 ->0101

17 - d = 1x d = 10000 - olol = (loll)x

 $-V = | 0000 - 0111 = (1001) \alpha$

[" . (m)12mpl. :/will aby 2'compl. *

for I

1's comp 2's 6mp 1800

: unsigned stell per HalF adder C= N.Y 17 X = My Xy M, Xo راه عدول درلتی X 18 /= チャタャダッダ。 full adder - ४२४५५ ० FA