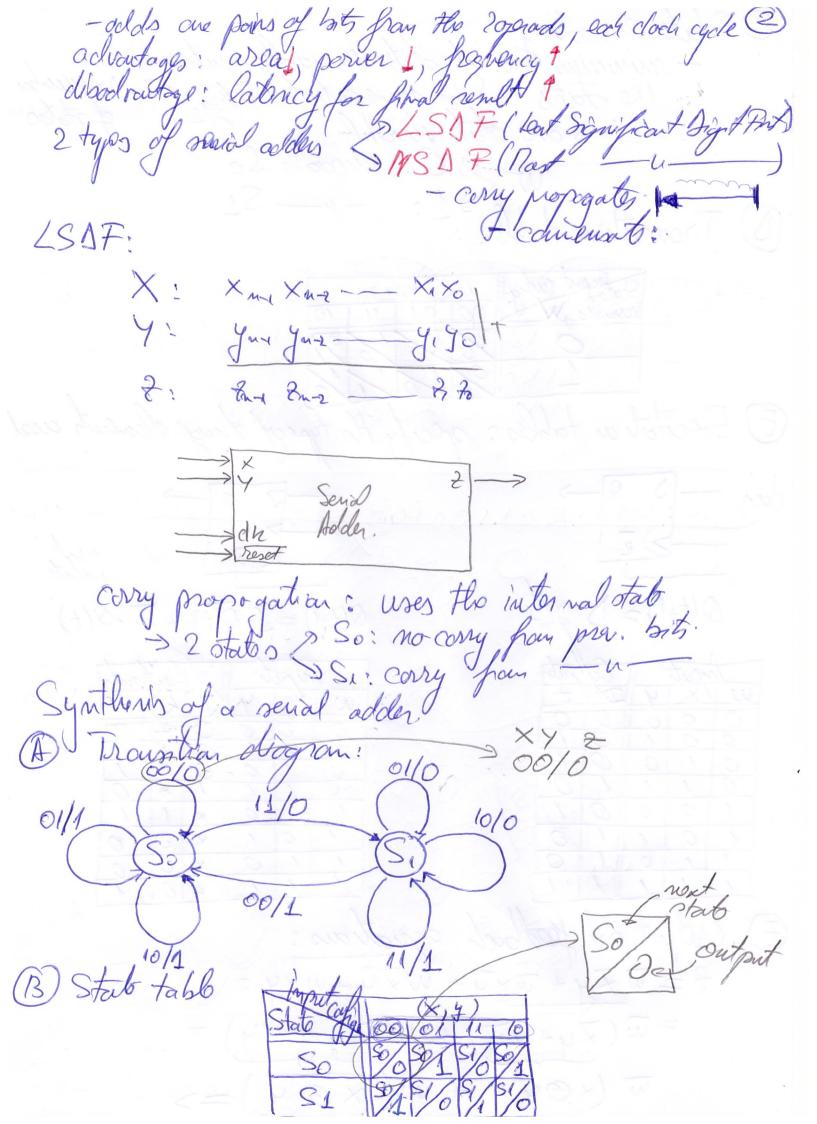
612.804687510 = 1001100100.1100111, Normalize_ 0011001001100111 * 29 XE = 9 + boias 29+127 = 18+8 = 1000 1000(2) X= =.0011001001100111 0100 0001 0010 1010 0. S X2 X5 S=0 -> Positivo 6000010=128+2=130 X8 = 0010101 hidden 57 X = (-1) 5 + 2 x - bas + (1 xs) = a factional migrifica = (-1)° × 2130-127 × (1.010101) = = 23 × 1.010/01= 1010.101= $=10+2^{7}+2^{-3}=10+0.5+0.125=10.625$ 1.4.3 IBM Pleating - Point formert 1BM S/360, S/370 32,64,128 Sit fruits. -3?-but forcet.

value: X = (-1) \$ *16. × (0. ×n) (0.000) - moutina's normalitation:

- can how at most 3 loading Os.

- Source - a contract of the cont - Spead ouse: Floro Xe = 8 Xn = 0 Except: 6/2. 8046875 = 0.001001100100.1100111e) = 0.001001100100 1100111 *16 Xp = 3+ bias = 69+3 = 1000011e, Fay62: 412A0000(16) =0, X== L000001264+1=65 $X_{n}^{t} = .00101010$ $X = (-1)^{s} * 16^{xe-bias} * (0. X_{n}^{x})$ =(-1)° x 1665-64 x (0.0010101) = 29 × 0.0010101 = 10.101 Chapter II Functional Analysis and Synthems of Birory and Dechmal Adder and Subtractor 2.1 Serial Adders.



@ State encooling - minimum two of state variables auto which

the Fates Con be represented. Though 57 somewhat

1 = 2 = 3 one state variable.

Douvition table:

Tourition table: E) Excitation tables: specify the type of strong elements and Q(t+1) = D nopot Q(t+1) = J. Q(t) + 1/2. Q(t) E) Output ad feedbach. ognations: 2= w xy+ wxy+ w xy+wxy? = w(xy+xy) + w(xy+xy) = w (x@y) + w(x@y)=>

