lus 2 Avietale Logica

Registre : Bit -unitatea de borá pt stocalea informatiei. perationale bosa pot stoca realori in boraz. 9: {0,1} Colectie de bits au un reltar care sta remificatia fiscalnia lete un Register 12/0 / 15B 100(2) 0101 3 1 /m SB 20 2020 27 26 25 21 23 21 20 a) Adunare zi scădere 1110 0101 11 011 10000 of Stabilin latinea in leiti a le Complenental fata de 2

(t) ny re binde: X - Y = X + [Y]₂

[Y]₂ = Y + 1 (Renton vice bora)

3-3370000

X=0101 x- Y= X+(-Y) = X+[Y] = 0101 +1001=110 4=0117 $[Y]_{2} = Y + 1/= |Y|_{2}^{2} = 001$ 0101+ Y = 1000 01110 m at regation c) otunci coind hor. Its regative, el ste sequerentant in complement 1011 + 4-0111 % =) R = 1110 R = 0 001 100/10)72 Y=1010 RJ2= 0001+ Live e jositire Y+1=1011 0010 (-7/10) Attentie la loitel de remn 120625 1100,0001 0,0625.7=0, USO 0 | MSB 9,250· 2=0,250 0 9,250· 2=0,5 0 9,5· 2=1 1 LSB 0,125. 2=0,250 0,250. 2= 0,5 3,14E+0 3,13E-2 1100,0001 = 2 + 2 + 2 = er = 3(1+2-1+2+) ... 52 lexi ly- by irlay Slet k=11 biti

Sletp falte fractională exp = offet + ex = 2h-1-1+ex 5-bit de semn exp-exporent montisa- paltea feactionarà =) = 1023+3=1024+2 = 21 + 21 montiso 1,1000001 =100000000000

er- plinnel most significant beit = 1

[5]1000000000101010000100------Bital de remn

5= {0, ×10 e invals fata de complement (WTF starolard)

1	len	1 h	len (mantisão)
2064	64	11	5 2 6 7
la 80	80	12	
leg	96	15	80
6128	128	19	108
	32	8	23
6 32			

mu se mai folosezte

$$e_{t} = \left[\frac{\log_{10} 1 \times 1}{\log_{10} 2} \right] \uparrow$$

$$mantiza = \left[\frac{1 \times 1}{2^{2} 4} - 1 \right]$$