Everica 7 160 delit 30 Hoff L> 1 x 1000 L> 30 x 1 x 106 0/1 += 103/30x 106 = 33,53 A b) 160 debit 150 Mo(1 t = 109/150 x 106 z 6,66 1 2) down load - telestrangement (reception) opload -> teleslange televersement (emissien) 160 = 41,53 Mlt/s Lyt= 1 x 103 x 8 (bt) / 41,53. 106 = 197,631 160 à 10,63 Mbits. C> = 1×101 ×8/10,63×10 = 752,591 a 160 => 8 x 10 3 bits = 84 013 en 1EE 754 0,0100 1/00 1/1001 013 x2 = 0,6 0,6 x 2 = E, Z 0,2 = 2 = 0,4 0,6 x 2 = Q 2 0,4+2 = 198 1,00 1 100 1 100 1 100 1 4 2 - 2 0,812 = 146. mautisse 0,6 x 2 = 12,21 expressed 177 +2 = 125 0,2 x 2 = 0,4 0,4x2=0 8

0,8x2= 10,6

0111 1101

brerice 1 1) (-33)10 00100001 1101 1110 1101 1111 LZ = C1 <1 (33) = (1101 1111) cz (+100) = 0110 0100 (+100)(2 = 0110 0100 1101 1111 01100100 110100011 1 1 -> (67) 10 dane OK. 015 0250 0125 010625 +0103125 +01015625 Evercice 2 1as (111, 10101) = 4+2+1+0,5+0,125+0,03125 = 4,65625 (10011,001)2= 16+81+0,125=13,125

Exercia 3

$$C = \frac{25}{375} \times 2 = \frac{1001}{450}$$
 $0.375 \times 2 = \frac{1}{150}$
 $0.750 \times 2 = \frac{1}{150}$

Exercise 3

-25,3+5 - 1 1001,011 -> -1,1001011 +24

Apres 127+4= 134

1 1000 0011 1001 011 0000 0000 0000

$$-0,125 - 0,001 -> 1,0 \times 2$$

$$= 127 - 5 = 124$$

-> 100000,11 32, 45 15 23 -> 127+5 -> 132 0 1000 0100 000 0011 0000 0000 0000 0000 Esercise 4 (0140 0100) d = \$64 D = \$44 (0100 0100) 0010 0011 # =\$23 % = \$25 0010 0101