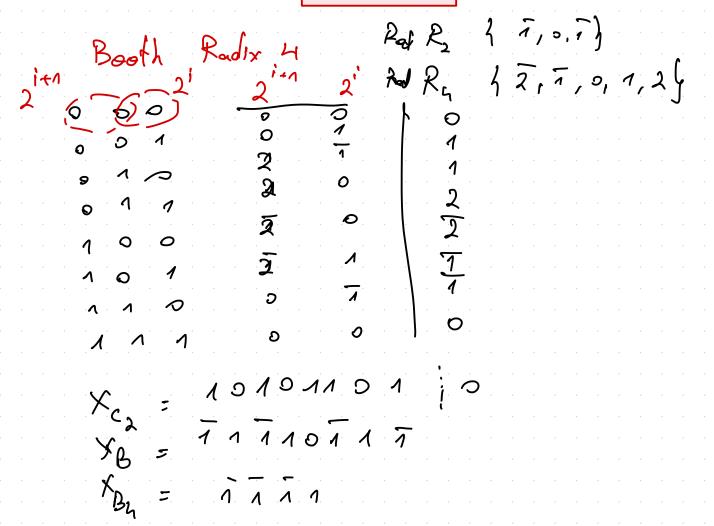
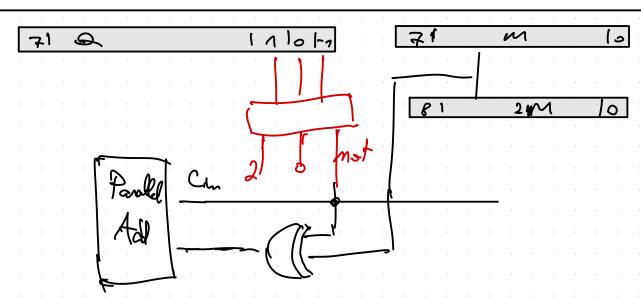
Lab 3





Nr op. -> 2 bit counter

(m bit sp/ m. shiffani)

-115 = -128+ 13 = -128+ (+4+1 X -- 115 -80= -128+ 40 = -128+ 32+ 8 Y= -86 Yc2=110101000 7c2=110001101 -762:001011000 27=10101000 -2yez:010110000 1000 1101 0 0 000 0000 11110 1010 +00101 1000 0000010000 100 411 010 1000 111101110 00100010 TO1011 0000 000011110001000

$$\begin{array}{lll}
X = -77 & \times = -128 + 51 = -128 + 32 + 16 + 2 + 1 \\
Y = 79 & \int = 64 + 15 = 64 + 16 + 14 + 1 \\
Y = 10110011 & = 7 = 110110001 \\
Y = 001001111$$

$$\begin{array}{lll}
Y = 001001111 & 2M = 010011100010
\\
-2M = 101100010
\end{array}$$

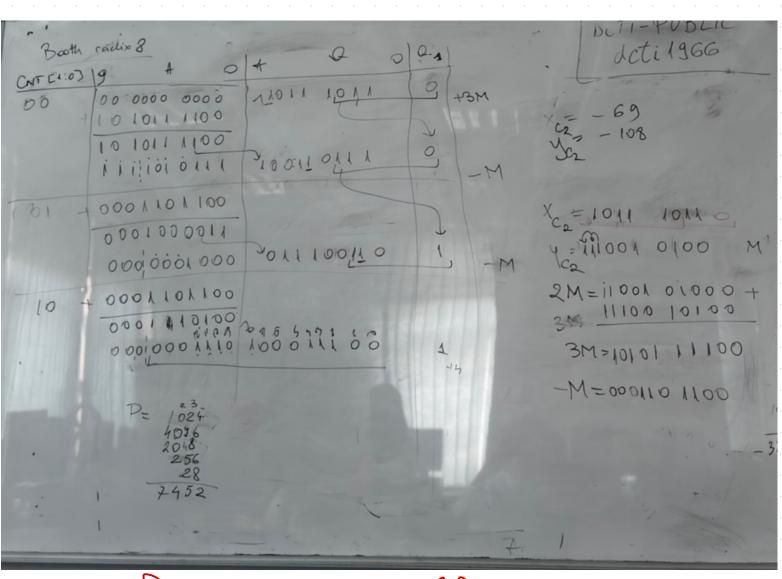
| CXT | A | | Q[-1] |
|-----|---|------------|-------|
| | 0 | 0011 00 11 | |
| | | | |
| | | | |

| • | CNT EX:07 | 0 0000 0000 1 1017 0007 | 1011 | 0017 | 0 | -M | 4 = | Deti-P Jeti -77 | UBLIC 1966 | |
|---|-----------|--|-------|-------|----------------|------|-----------|-----------------------|---------------|------------------------|
| | 0 7 | 7 10 11 000 7 | 0110 | 1100 | 1 | + M | | 28+57 | 17 | / Q |
| | 10 | 00011 1011 | 11 01 | | -8192+ 2048 | - M | 79=0 | 100 17 | | // M |
| | 1 | 1071 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 11 11 | 0110_ | 8792 | -M - | M=0 $M=1$ | 0100 1 | | |
| | 1 | 1010 0000 | 0017 | | 1 | | | 1001 1 | | AND THE REAL PROPERTY. |

Radix 8

CMT 25%

Re $\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1$



HIM Py -117 83 RR -104 -99

| | | <u>'</u> |
|-----|---|-----------|
| CNT | | Q -1 |
| 00 | 0000 00000 | 1000 1011 |
| | 111101011 | 21120013 |
| 01 | 4110101101 | |
| | 110011000 | 00011000 |
| 10 | +0010 10 011 +0010 10 011 | 00011000 |
| | 000111001 | |
| | | 010001100 |
| 1 1 | 101101010 | |
| | 1/1/01/01/0 | 0001001 |
| | -117 × 83 = -97 | |
| | • | |

Radix B X=-128+24=-128+16+8 X=-104 Y= - 99 XC2 = 1 001 1000 Y= -128+29 =-128+16+8+4+1 2M= 1100 111000 -1M= 00 110001110 7=1110011101 -3M= 01001001 -7=0001100011 t3MF 1011010111 111 0011101+ 00011000114 x3M1100111010 1011010111 0 311 0 50110 0100101001-31 2[-] 12111 00 0000 0000 112011200 000110011 01 =101101 01111 101101 0111 111000,110 1111011010 +0011000110 0010100000 000111000 1 00000010100 -104 x - 89 = 10296