294,0 -> ?2 -> olivide by 2 the # ontil you get of	
bose to bose 2	
This works for each bases $\neq 2$ -> change to base x when you multipoly.	
$1.011_{0} = \frac{2}{10} - 1.2 + 0.2 + 1.2 + 1.2 =$	
32-0	
Dose 2 to box 10	
BARC CONVERSION	
Note Title 10/02/2015	ON No
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	0	-	20	4]		36 1	2 -	74 0	3	2942		292	
			read this numbers from bottom to top			divide by anothe # if you're not in boxe 2				294 = 100100110		$294_{\text{in}} = 2_2$	

Floorno point.

J & B, E, expmin, expmox

exprise = mox exponent B = base t = max # dights in the mornisse

How many numbers on I wate in 4/10,2,-2,25.

1) LIST the exponents: $-2, -1, 0, 1, 2 = \{5\}$

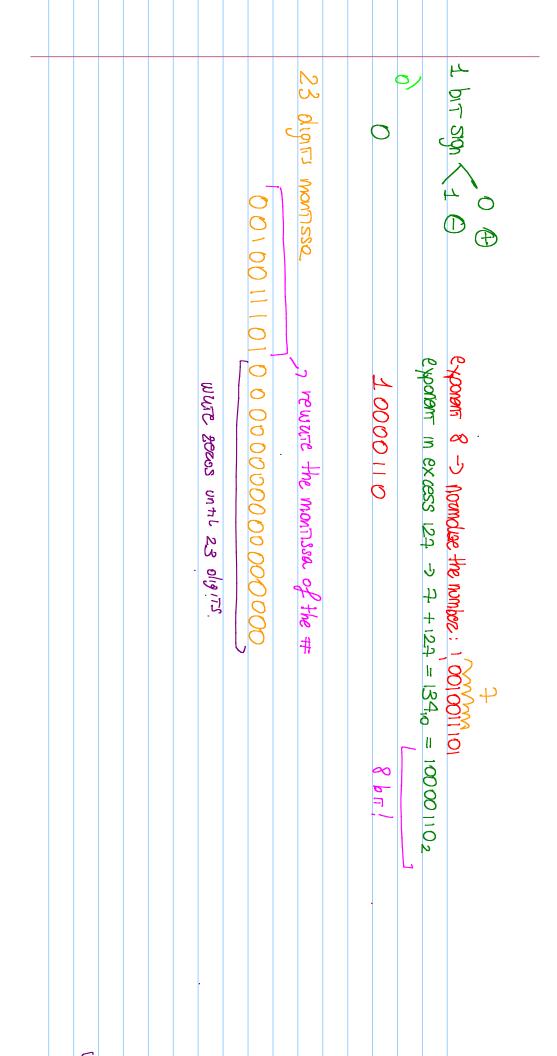
2) all the possible normalised monnessas: 0,10; 0,11.... 0.20,0,21 100 c 600

ore: 5- 90 · 2 = 900

positive and magazine?

$$\frac{1}{100} \frac{1}{100} \frac{1}$$

0-249	h	(1) 147, 625,0 -> 1,188E		IEEE single previous -> 32 bits
147,625,0= 1001,0011.		142 = 100,00112	2 8197 8 exponent 23 moms	-> 32 bits
1012	$0.625 \cdot 2 = 1.43$ $0.5 \cdot 2 = 3.0$	Fromonal port.	SVQ.	



Souve the obove system

$$U_{11} = 1$$
; $U_{12} = 2$; $U_{13} = 4$

(21 = 3 -)

L2, =3:

2.3+1/22=8-31/22=2

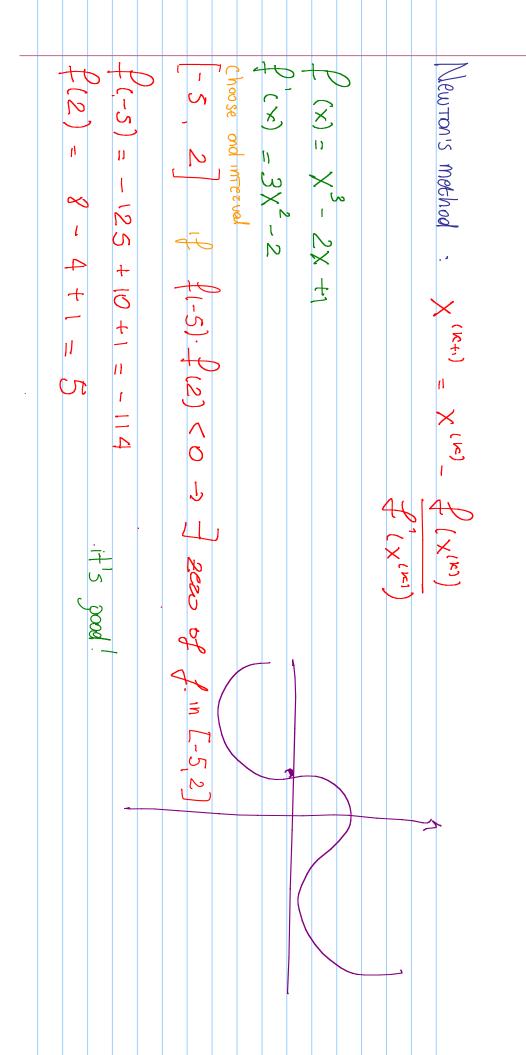
3.4 + U23 = 14-7 U23 = 2

$$L_{31} = 2 \quad 2 \cdot 2 + 2L_{32} = 6 \Rightarrow L_{32} = 1 \quad 4 \cdot 2 + 1 \cdot 2 + 0_{33} = 13 \Rightarrow 0_{33} = 3$$

$$L = \begin{bmatrix} 1 & 0 & 0 \\ 1 & 0 & 0 \end{bmatrix}$$

$$U = \begin{bmatrix} 1 & 2 & 4 \\ 0 & 2 & 2 \end{bmatrix}$$

1



Another F. P. example: I (2, 3, -3, 2)

posable exponents: -3, -2, -1, 0, 1, 2 = $\frac{1}{6}$

 $6 \cdot 4 \cdot 2 = 48$ possible #s

month shows -> 0, 100; 0, 101; 0, 110; 0, 111, they have to be normalisated

positive and negative