VARIANTE "D" DA PROVA MATRICULA 180145509

QUESTAO 1-

```
R: COS (0 65CLA) = 0.79230
 Valor real de calculadora = 0.792304163
 CHO ABSOLUTO = 0.792304163-0.79820
 Ctro ADSOLUTO = 0.0000004163 = 4,163-10
cos(x)=1-(0,65622)2+(0,65622) - (0,65622)
+ (0,65622) - (0,65622)
     31
(05 (X) = 1 - 0.21531 + 0.00772 - 0.00011 + 0.00000852
-0.000 000 00H = 0.776868516
erro relativo = erro absoluto : erro absoluto: 0.015435
                449 lest 4018A
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1_c)

erro relativo = erro absoluto = \frac{0.015435647}{0.792304163}

erro relativo = 0.015435647 = \frac{0.792304163}{0.792304163}

erro relativo = 0.015435647 = \frac{0.015435647}{0.792304163}
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QUESTÃO 2

```
expoente da gotencia em binario
             (7) = 111 (2)
1,9886375 embindris
                     (0,9886372) = (11111101)2
0,0886375 x2 = 1
0,977275 x2 = L
0,95455 ×2= 1
                    1.111 111 01 x 2
0,0001 x2=1
0, 3182 x2 = 1
0.6364 x 2 = 1
0,2728 x2 = 0
015462 × 2 = 1
0,0
```

QUESTÃO 4

4

A. 9
$$\chi$$
 3 5

 χ 1 χ 7

6 3 χ 3 5

 χ 1 χ 1 χ 1 χ 2 χ 2 χ 3 5

 χ 1 χ 1 χ 1 χ 2 χ 2 χ 3 5

 χ 1 χ 2 χ 2 χ 3 5

 χ 3 χ 3 χ 6 3 χ 7 χ 8 χ 8 χ 8 χ 8 χ 9 χ 8 χ 9 χ 1 χ 9 χ 1 χ 1

C.

Re Sendo XL = X , XZ = Y \(X \) = Z , temos

$$9 \times +2 Y +3 \neq = S \qquad X = \frac{1}{9} (S - 2 Y - 3 Z)$$

$$6 \times +3 Y +2 Z = 3 \qquad Y = 7 -7 \times -2 Z$$

$$2 = \frac{1}{2} (3 - 6 \times -3 Y)$$

$$X^{(0)} = 0, Y^{(0)} = 0, Z^{(0)} = 0 \qquad Y^{(1)} = 7 -7 (0.5556) = Z \cdot 111$$

$$X^{(1)} = \frac{1}{9} [S] = 0.5556 \qquad Z^{(1)} = \frac{1}{2} [-9.6667] = -4.3533$$

$$X^{(2)} = \frac{1}{9} [S - 2(3.1111) - 3(-4.5533) = \frac{1}{9} (15.2778] = 1.4755$$

$$Y^{(2)} = 7 - 7(1.4755) - 2(-4.5523) = 6.3395$$

$$Y^{(2)} = \frac{1}{2} [3 - 6(1.4755) - 3(6.3595) = \frac{1}{2} (-24.8774) = -12.43$$

$$X^{(2)} = \frac{1}{9} [S - 2(6.3595) - 5(-12.4352) = \frac{1}{9} (29.6265) = 3.1918$$

$$Y^{(1)} = 7 - 7(3.2915) - 2(-12.4352) = \frac{1}{9} (29.6265) = 3.1918$$

$$Y^{(1)} = 7 - 7(3.2915) - 2(-12.4352) = \frac{1}{9} (29.6265) = 3.1918$$

Z"= = 1 [3-6(3.2918)-3(8.8275)= 12 [-43.2335]=-21.6168

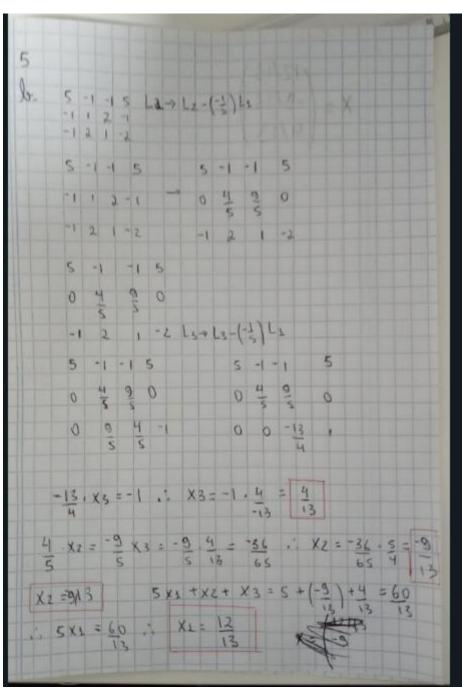
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d- Critério de Sassenfeld

Método inviduel pois Bool

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	L1 -	LI	- (-1) Lz		
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7	A	1	3/3	1 -3	12	
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			1-13	-4		9
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X =	1	13	14	1-5-
	14/1	3/		
		11	-	5
	10	2	12	9