Lista 3

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Questão 1

$$\frac{11 \cdot X_{2}}{2} = \frac{59}{2} - 8x_{3} + 4x_{4} = \frac{59}{2} - 8 \cdot 4 + 4 \cdot 2 = \frac{11}{2}$$

$$X_{2} = 1$$

$$2 \times 1 + x_{2} + 4 \cdot x_{3} - 2 \times 4 = 19$$

$$2 \times 1 + 1 + 4 \cdot 4 - 2 \cdot 2 = 19$$

$$2 \times 1 + 1 + 16 - 4 = 19$$

$$2 \times 1 = 3 + 4 + 2$$

$$2 \times 1 = 6$$

$$2 \times 1 = 3$$

Questão 2

Questão 3

3.

$$2-4 \cdot 1 \cdot 4$$
 $1-2 \cdot \frac{1}{2} \cdot 2$
 $1 \cdot 72 \cdot \frac{1}{2} \cdot z$
 $6 \cdot 3 \cdot 1 \cdot 10$
 $6 \cdot 2 \cdot 1 \cdot 10$
 $0 \cdot 14 \cdot 4 \cdot 2$
 $-2 \cdot 6 \cdot 2 \cdot 6$
 $-2 \cdot 6 \cdot 2$

Questão 4

$$X_{1} = \underbrace{51 - 2 \times 2 - 3 \times 3}_{8} \quad \text{i.} \quad X_{1} = \underbrace{6.375 - 0.25 \times 22 - 0.375 \times 3}_{8}$$

$$X_{2} = \underbrace{23 - 3 \times 1 - \times 3}_{5} \quad \text{i.} \quad X_{2} = \underbrace{4,6 - 0.94 \times 1 - 0.2 \times 3}_{5}$$

$$X_{3} = \underbrace{20 + 3 \times 1 - \times 1}_{6} \quad \text{i.} \quad X_{3} = \underbrace{3.3533 + 0.5 \times 1 - 0.1667 \times 3}_{1667}$$

$$X_{1} = \underbrace{6.375}_{1667} \quad \text{i.} \quad X_{2} = \underbrace{3.3533 + 0.5 \times 1 - 0.1667 \times 3}_{1667} \quad \text{i.} \quad \text{i.}$$

Questão 5

```
6 3 11 100
       010
    26 601
                 2 6
                      0 0
            0 0
 0
            10
                    0
       6
         0
           0 1
                    0
                             1 0 1
            0
              0
                    0
0
             2 0
                      0 -1
                    0
0
            0 1
          00
0
        1 2 0
                     0 1 0 -1 -1 3
   0
      1 0
          1 - 7
                     0
                       010
```