S= Emores: = +1-52 = -1,0 - (-0,3145) = -0.6855 Sz = tz - Sz = 1,0 - 1,4804 = -0,4304 82 = +3- 52=-2,0 - (-0,9304)=-1,0696 81=(82.021+82021+82.021).51.(1-51)=0,3167 S2= (81 002+ 82 022+ 82.032).52 (1-52)=-0,0049 032 = 032 + p 52 - S2 = -1+1. (-1,0696) 0,119 - -1,1273 01 = 023 +p521x3=-0,5+1(-0,0049-2,0)=-0,5098

2023_01_16_P2 Solidos:

Pi = O1 + O1 X1 + O1 A2 = 3 S_1 = 0 (\$1) = 0.958 (signoide) $\emptyset_{2}^{1} - \Theta_{20}^{1} + \Theta_{21}^{1} \times_{1} + \Theta_{22}^{1} \times_{2} - 1$ S2 = 5(\$2) = 0, 269 (sigmoide) $\phi_{1}^{2} = \Theta_{10}^{2} + \Theta_{11}^{2} \cdot S_{1}^{1} + \Theta_{12}^{2} \cdot S_{2}^{1} = 2,721$ $S_{2}^{1} = (S_{1}^{2} \cdot \Theta_{11}^{2} + S_{2}^{2} \Theta_{22}^{2})$ $S_{1}^{2} = O(O_{1}^{2}) = O_{1} + O_{2}$ (signoide) Ø = 0 = 0 + 0 = 1 51 + 0 = 5 5 = -0, 222 S2 = 6(02) = 0,445 (sigmoide)

Errores : 81=(t1-S1). S12(1-S12):-000 82 = (t2-52),52 (1-52)=0,1724 S1 = (S1 02 + S2 02) - 51 (151) (S; (2-5])=-9,0360 Pesos: Oro = Oro +p 52.1 = 0,964 O21 = O1 + PS2 x1 = -1,036 O== = = = = -1,036

```
2022 -61_{1}24_{1} P2

Salidas:

\phi_{1}^{2} = \Theta_{1} + \Theta_{1} \times z = 2

S_{1}^{2} = G(\phi_{1}^{4}) = 0.886797_{1} (sigmoide)

\phi_{2}^{2} = \Theta_{1} + \Theta_{3} \times z + \Theta_{5} S_{1}^{2} = 1.8807_{1}

S_{1}^{2} = 1.8807_{1} (lineal)

Erroves:

S_{1}^{2} = (\xi_{1} - S_{1}^{2}) = 1 - 1.8807_{1}^{2} = 0.8807_{1}

S_{1}^{2} = (\xi_{1} - S_{1}^{2}) = 1 - 1.8807_{1}^{2} = 0.8807_{1}
```

$$\frac{Pesos:}{\Theta_{1} = \Theta_{1} + p S_{1}^{2} (+1) = 0,90752}$$

$$\Theta_{2} = \Theta_{2} + p S_{1}^{2} \times_{2} = 0,90752$$

$$\Theta_{3} = \Theta_{3} + p S_{1}^{2} \times_{1} = 1$$

$$\Theta_{4} = \Theta_{4} + p S_{1}^{2} (+1) = 0,1192$$

$$\Theta_{5} = \Theta_{5} + p S_{1}^{2} = 0,22419$$

2022-01-10 P2 salidar: Pesos: 01 = 01 x1 + 012 x2 + 010 = 3 023 = 623+p82 531 = -1,0022 . Si = 0 (67) = 0,955 (signoide) 032 = 032 + p S 3 x 2 = 1,0002 \$2-61 x1 +012 x2 + 030 =-3 S2 = 6(01) =0,047 (signoide) $\emptyset_3^1 = \Theta_{3_1}^1 \times_1 + \Theta_{3_2}^1 \times_2 + \Theta_{30}^1 = 3$ S3 = 0, 953 (rismoide) σ²₁ = O₁² si + O₁² s₂⁷ + O₁² s₃¹ + O₁₀ = 2,953 S₁² = 6 (σ₁²)= 0,950 (sigmoide) Ervores: S; =(E1-512)-S; (1-512)-0,0023 S= (tz-s2). S2 (1-52)=-0,0023 S1=(S1 02+ S2621) 87 (1-57) = 0,0002 S3 = (82 62 + S2 023) 5 3 (2-53) = 0,0007

```
Q_{1} = Q_{1} + Q_{1} + A_{1} + Q_{1} + X_{2} = 3
Q_{2} = Q_{1} + Q_{1} + A_{2} + Q_{1} + X_{2} = 3
S_{2} = G(w_{1}^{2}) = Q_{2} + Q_{1} + A_{2} + Q_{2} + X_{2} = 3
S_{3} = G(w_{1}^{2}) = Q_{2} + Q_{2} + X_{2} = 3
Q_{2} = Q_{2}^{2} + Q_{1} + A_{2}^{2} + Q_{2} + X_{2} = 3
Q_{2} = Q_{2}^{2} + Q_{1} + A_{2}^{2} + Q_{2}^{2} + Q_{2}^
```