

Modello A b c d ----- Seconda parte: rete con check up --- C=0 N=0

CALCOLO DEL GUADAGNO:

$$\#1: \quad a := \begin{bmatrix} -0.07901234567 & -0.03950617283 & -0.03950617283 \\ 0.03456790123 & -0.004938271604 & 0.03950617283 \\ 0.03456790123 & 0.03950617283 & -0.004938271604 \end{bmatrix}$$

$$\#2: \quad b := \begin{bmatrix} 0.7901234567 \\ 0.09876543209 \\ 0.09876543209 \end{bmatrix}$$

$$\#3: \quad c := \left[\left[-4.9 \cdot 10^7, -3.2 \cdot 10^7, -3.2 \cdot 10^7 \right] \right]$$

$$\#4: \quad d := 5.6 \cdot 10^7$$

$$\#5: \quad i := \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$\#6: \quad \text{guadagno} := d + c \cdot (i - a)^{-1} \cdot b$$

$$\#7: \quad \text{guadagno} := \left[\left[1.23750985 \cdot 10^7 \right] \right]$$

Modello A b c d ----- Prima parte: rete senza check up --- C=0 N=0

CALCOLO DEL GUADAGNO

$$\#1: \quad I := \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$\#2: \quad a := \begin{bmatrix} -0.1501234567 & -0.07901234567 & -0.07901234567 \\ 0.0612345679 & -0.009876543209 & 0.07901234567 \\ 0.0612345679 & 0.07901234567 & -0.009876543209 \end{bmatrix}$$

$$\#3: \quad b := \begin{bmatrix} 0.7901234567 \\ 0.09876543209 \\ 0.09876543209 \end{bmatrix}$$

$$\#4: \quad c := \left[\left[-4.9 \cdot 10^7, -3.2 \cdot 10^7, -3.2 \cdot 10^7 \right] \right]$$

$$\#5: \quad d := 4.9 \cdot 10^7$$

$$\#6: \quad \text{guadagno} := d + c \cdot (I - a)^{-1} \cdot b$$

$$\#7: \quad \text{guadagno} := \left[\left[6.750937109 \cdot 10^6 \right] \right]$$

Modello A b c d ----- Seconda parte: rete con check up --- C=0 N=1

CALCOLO DEL GUADAGNO:

$$\#1: \quad a := \begin{bmatrix} -0.07901234567 & -0.03950617283 & -0.03950617283 \\ 0.03456790123 & -0.004938271604 & 0.03950617283 \\ 0.03456790123 & 0.03950617283 & -0.004938271604 \end{bmatrix}$$

$$\#2: \quad b := \begin{bmatrix} 0.7901234567 \\ 0.09876543209 \\ 0.09876543209 \end{bmatrix}$$

$$\#3: \quad c := \left[\left[-8 \cdot 10^7, -4 \cdot 10^7, -4 \cdot 10^7 \right] \right]$$

$$\#4: \quad d := 9 \cdot 10^7$$

$$\#5: \quad i := \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$\#6: \quad \text{guadagno} := d + c \cdot (i - a)^{-1} \cdot b$$

$$\#7: \quad \text{guadagno} := \left[\left[2.191489361 \cdot 10^7 \right] \right]$$

Modello A b c d ----- Prima parte: rete senza check up C=0 N=1

CALCOLO DEL GUADAGNO

$$\#1: \quad a := \begin{bmatrix} -0.1501234567 & -0.07901234567 & -0.07901234567 \\ 0.0612345679 & -0.009876543209 & 0.07901234567 \\ 0.0612345679 & 0.07901234567 & -0.009876543209 \end{bmatrix}$$

$$\#2: \quad b := \begin{bmatrix} 0.7901234567 \\ 0.09876543209 \\ 0.09876543209 \end{bmatrix}$$

$$\#3: \quad c := \left[\left[-8 \cdot 10^7, -4 \cdot 10^7, -4 \cdot 10^7 \right] \right]$$

$$\#4: \quad d := 8 \cdot 10^7$$

$$\#5: \quad I := \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$\#6: \quad \text{guadagno} := \left[\left[1.469387754 \cdot 10^7 \right] \right]$$

Modello A b c d ----- Seconda parte: rete con check up --- C=1 N=0

CALCOLO DEL GUADAGNO:

$$\#1: \quad i := \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$\#2: \quad a := \begin{bmatrix} -0.1808641975 & -0.09444444444 & -0.09444444444 \\ 0.08086419753 & -0.005555555555 & 0.09444444444 \\ 0.08086419753 & 0.09444444444 & -0.005555555555 \end{bmatrix}$$

$$\#3: \quad b := \begin{bmatrix} 0.8919753086 \\ 0.0524691358 \\ 0.0524691358 \end{bmatrix}$$

$$\#4: \quad c := \left[\left[-4.9 \cdot 10^7, -3.2 \cdot 10^7, -3.2 \cdot 10^7 \right] \right]$$

$$\#5: \quad d := 5.6 \cdot 10^7$$

$$\#6: \quad \text{guadagno} := d + c \cdot (i - a)^{-1} \cdot b$$

$$\#7: \quad \text{guadagno} := \left[\left[1.208603144 \cdot 10^7 \right] \right]$$

Modello A b c d ----- Prima parte: rete senza check up --- C=1 N=0

CALCOLO DEL GUADAGNO

$$\#1: \quad I := \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$\#2: \quad a := \begin{bmatrix} -0.2519753086 & -0.136419753 & -0.136419753 \\ 0.1075308641 & -0.008024691358 & 0.136419753 \\ 0.1075308641 & 0.136419753 & -0.008024691358 \end{bmatrix}$$

$$\#3: \quad b := \begin{bmatrix} 0.8919753086 \\ 0.0524691358 \\ 0.0524691358 \end{bmatrix}$$

$$\#4: \quad c := \left[\left[-4.9 \cdot 10^7, -3.2 \cdot 10^7, -3.2 \cdot 10^7 \right] \right]$$

$$\#5: \quad d := 4.9 \cdot 10^7$$

$$\#6: \quad \text{guadagno} := d + c \cdot (I - a)^{-1} \cdot b$$

$$\#7: \quad \text{guadagno} := \left[\left[6.399849184 \cdot 10^6 \right] \right]$$

Modello A b c d ----- Seconda parte: rete con check up --- C=1 N=1

CALCOLO DEL GUADAGNO:

$$\#1: \quad a := \begin{bmatrix} -0.1808641975 & -0.09444444444 & -0.09444444444 \\ 0.08086419753 & -0.005555555555 & 0.09444444444 \\ 0.08086419753 & 0.09444444444 & -0.005555555555 \end{bmatrix}$$

$$\#2: \quad b := \begin{bmatrix} 0.8919753086 \\ 0.0524691358 \\ 0.0524691358 \end{bmatrix}$$

$$\#3: \quad c := \left[\left[-8 \cdot 10^7, -4 \cdot 10^7, -4 \cdot 10^7 \right] \right]$$

$$\#4: \quad d := 9 \cdot 10^7$$

$$\#5: \quad i := \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$\#6: \quad \text{guadagno} := d + c \cdot (i - a)^{-1} \cdot b$$

$$\#7: \quad \text{guadagno} := \left[\left[2.131313131 \cdot 10^7 \right] \right]$$

Modello A b c d ----- Prima parte: rete senza check up --- C=1 N=1

CALCOLO DEL GUADAGNO

$$\#1: \quad I := \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$\#2: \quad d + c \cdot (I - a)^{-1} \cdot b$$

$$\#3: \quad a := \begin{bmatrix} -0.2519753086 & -0.136419753 & -0.136419753 \\ 0.1075308641 & -0.008024691358 & 0.136419753 \\ 0.1075308641 & 0.136419753 & -0.008024691358 \end{bmatrix}$$

$$\#4: \quad b := \begin{bmatrix} 0.8919753086 \\ 0.0524691358 \\ 0.0524691358 \end{bmatrix}$$

$$\#5: \quad c := \left[\left[-8 \cdot 10^7, -4 \cdot 10^7, -4 \cdot 10^7 \right] \right]$$

$$\#6: \quad d := 8 \cdot 10^7$$

$$\#7: \quad \text{guadagno} := d + c \cdot (I - a)^{-1} \cdot b$$

$$\#8: \quad \text{guadagno} := \left[\left[1.398058252 \cdot 10^7 \right] \right]$$