RNA

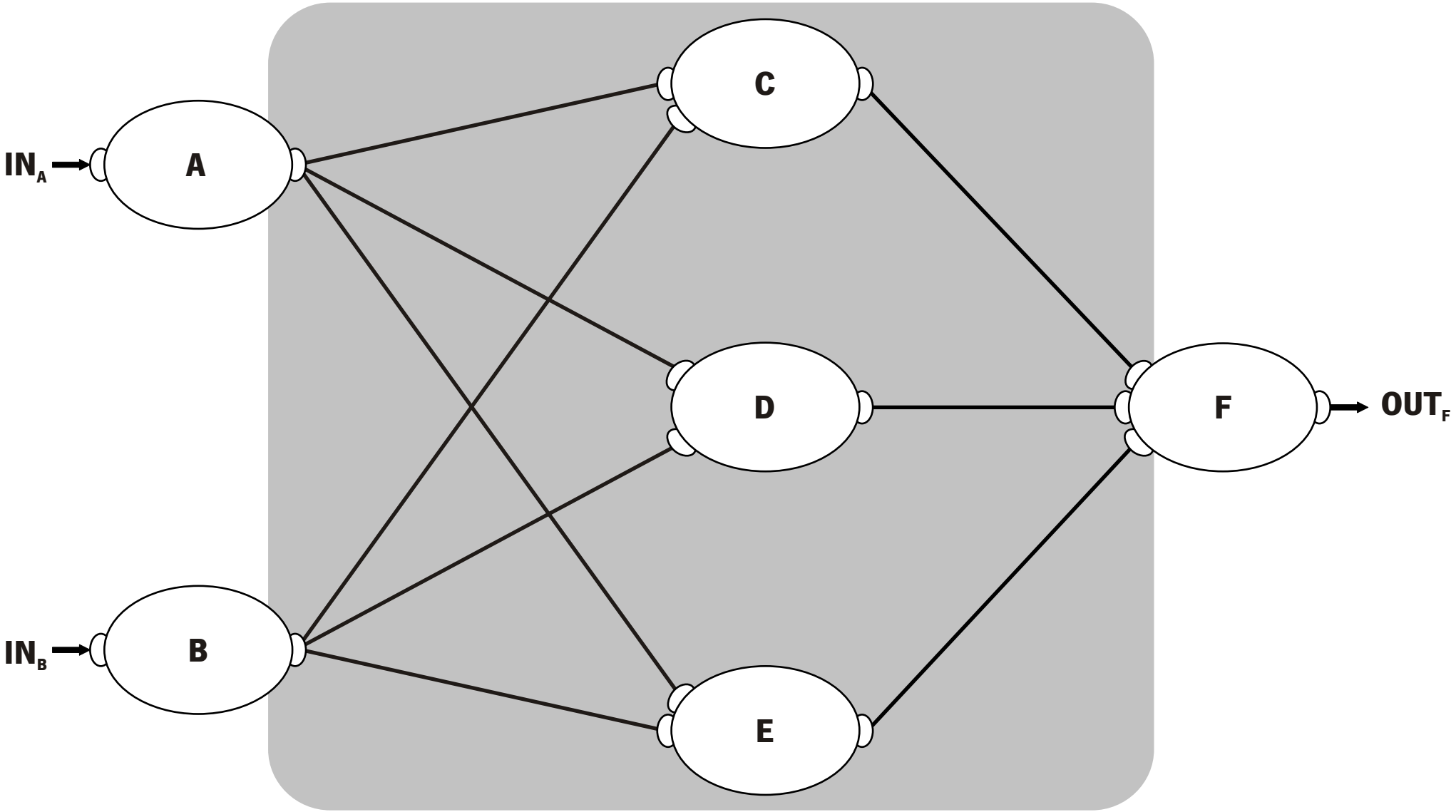
Universidade do Minho

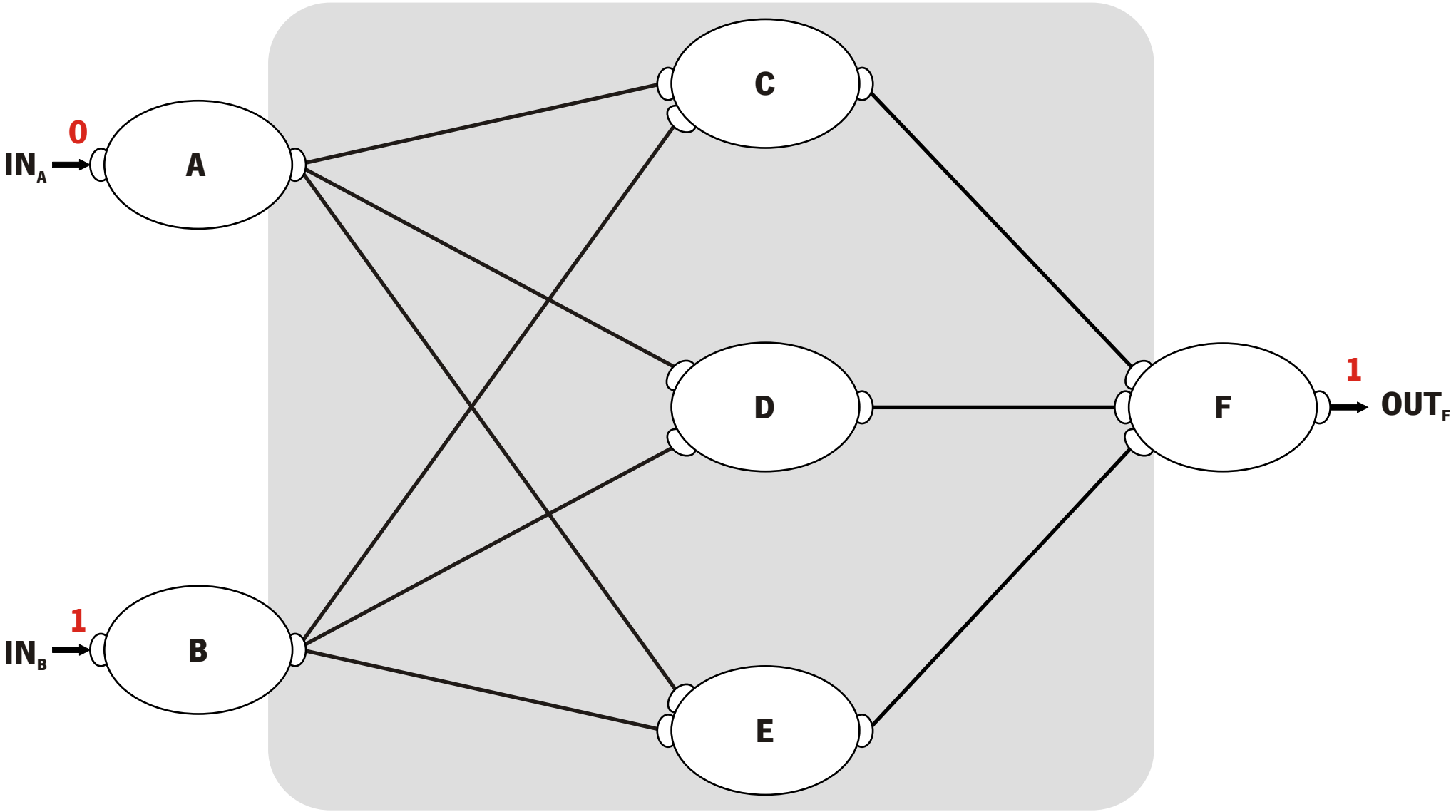
Cesar Analide, Paulo Novais, José Neves

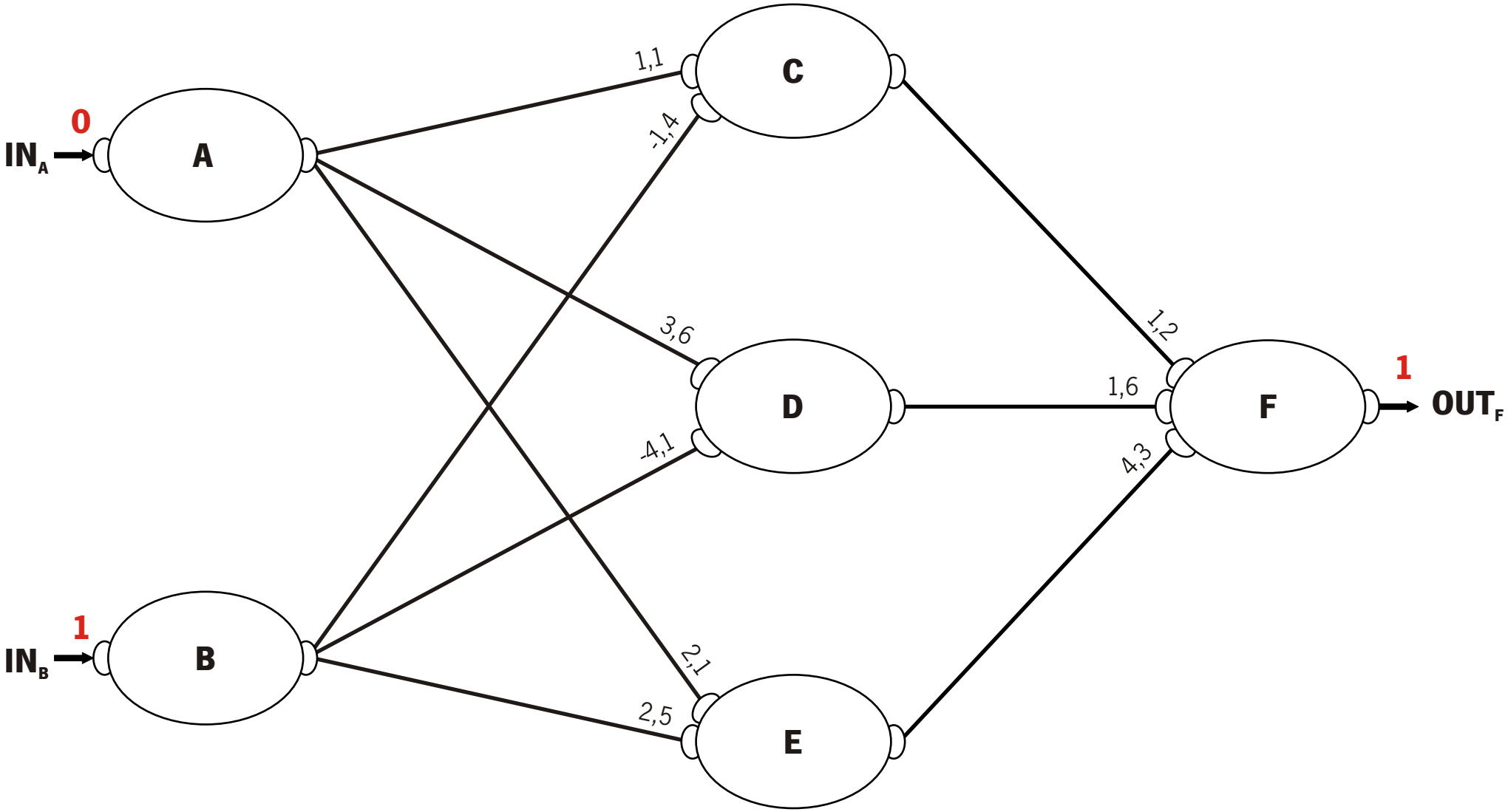
RNA - Treino Sigmoid

(1)

RNA

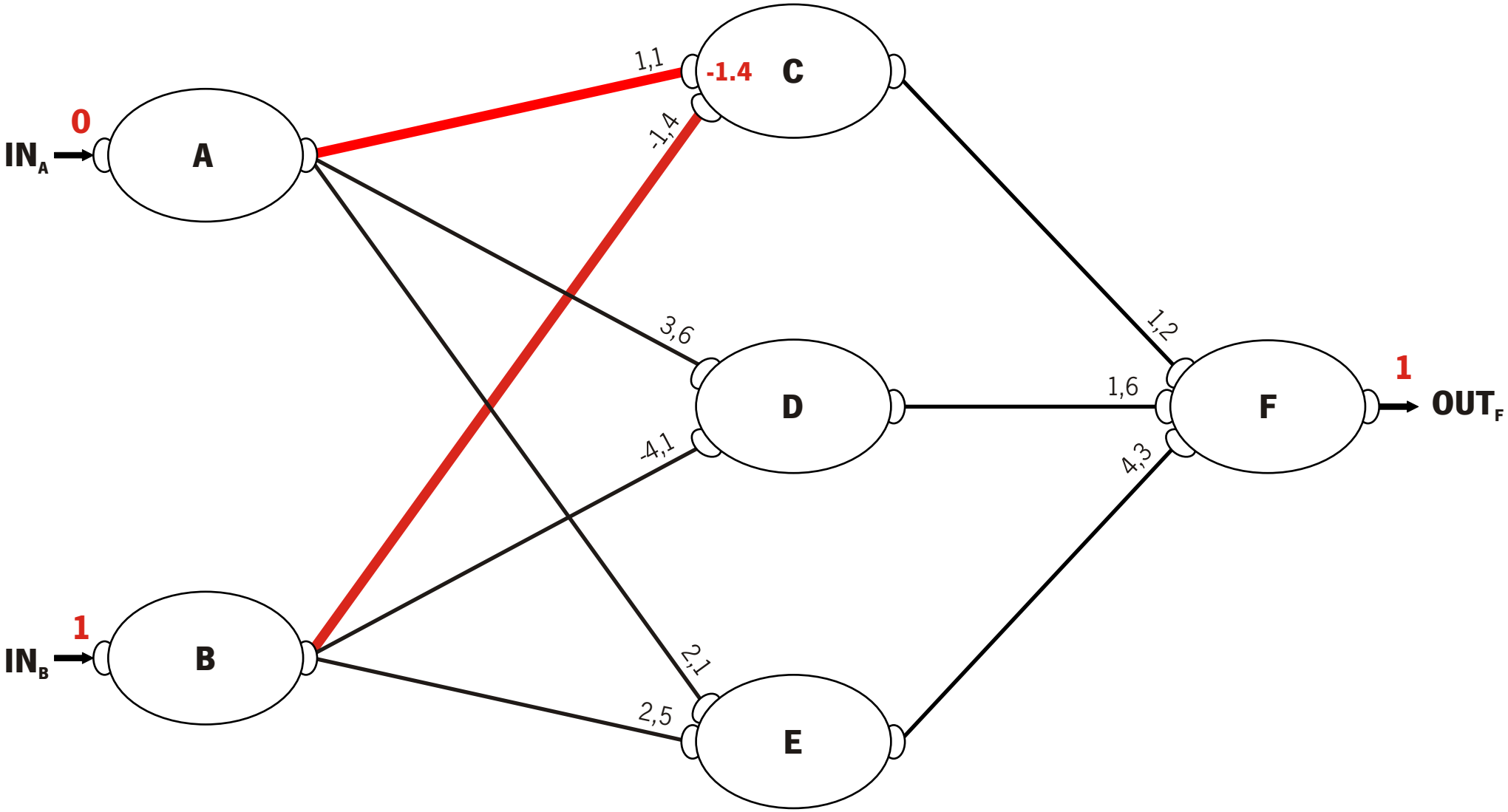

IN_A
A
C
D
F
OUT_F
IN_B
B
E


0
IN_A
A
C
D
F
1
OUT_F
1
IN_B
B
E



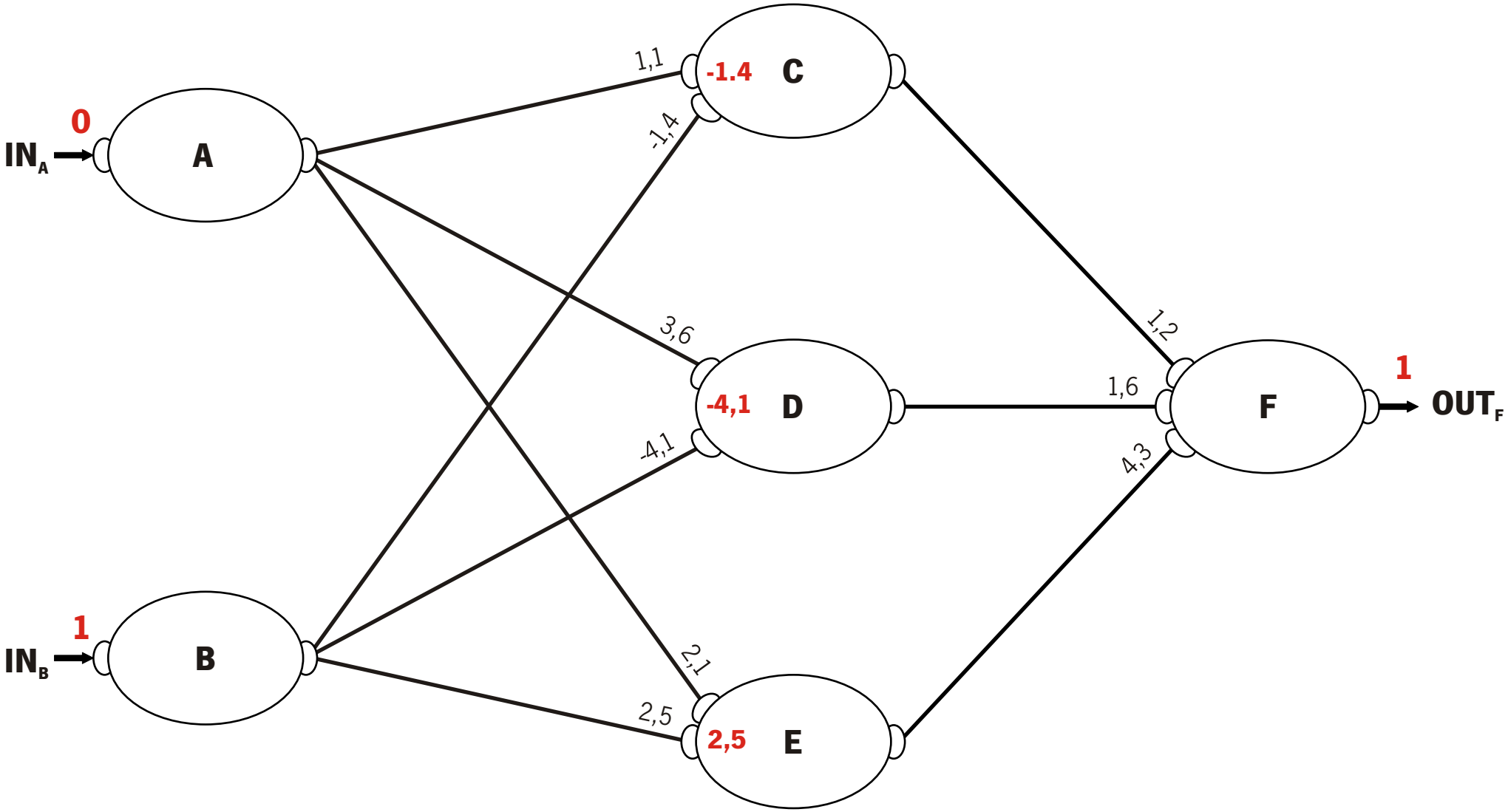
$$f_A(P,E) = \sum P \times E$$

$$f_T(A) = \frac{1}{1 + e^{-A}}$$



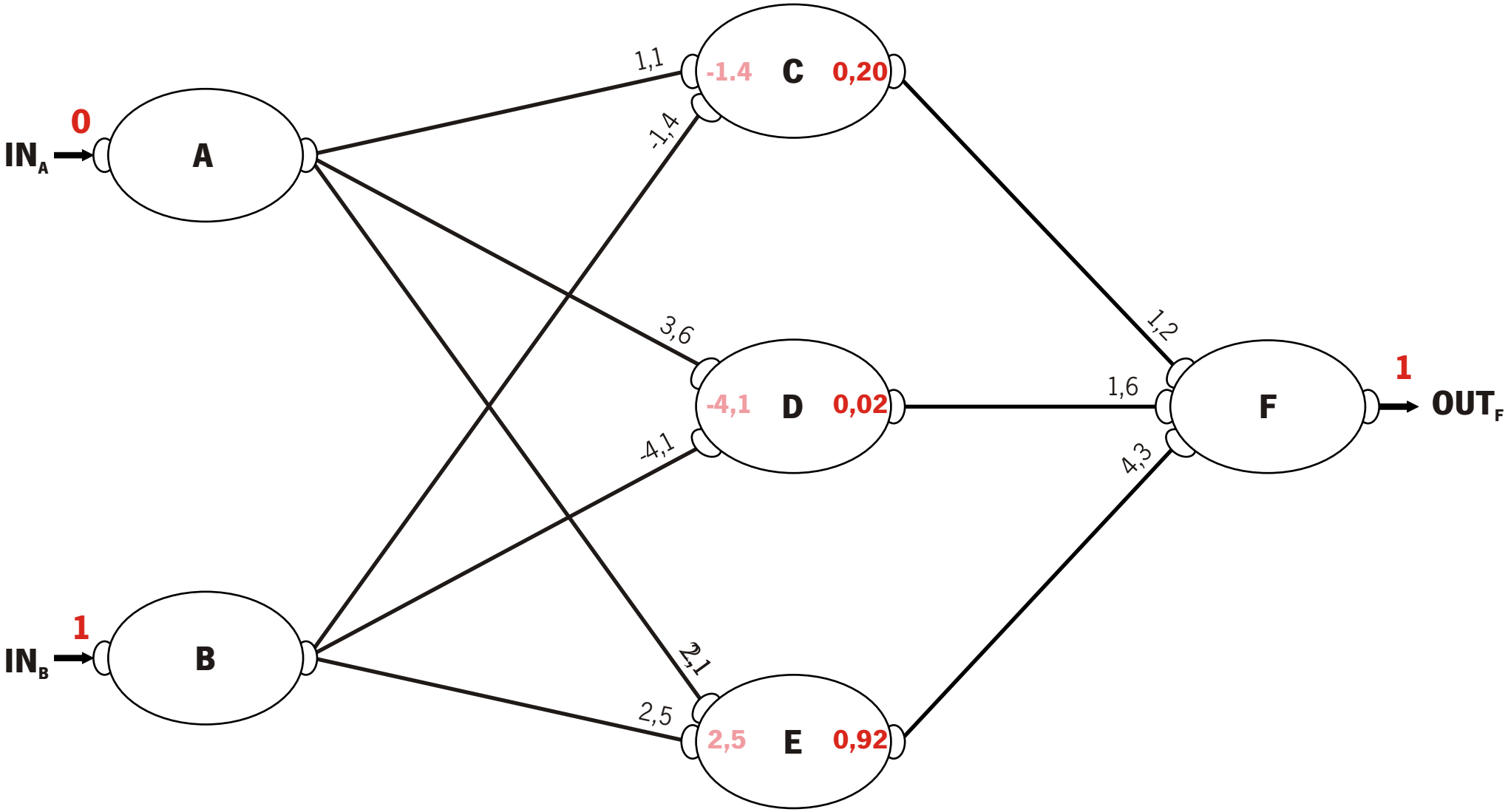
$$f_A(P,E) = \sum P \times E$$

$$f_T(A) = \frac{1}{1 + e^{-A}}$$



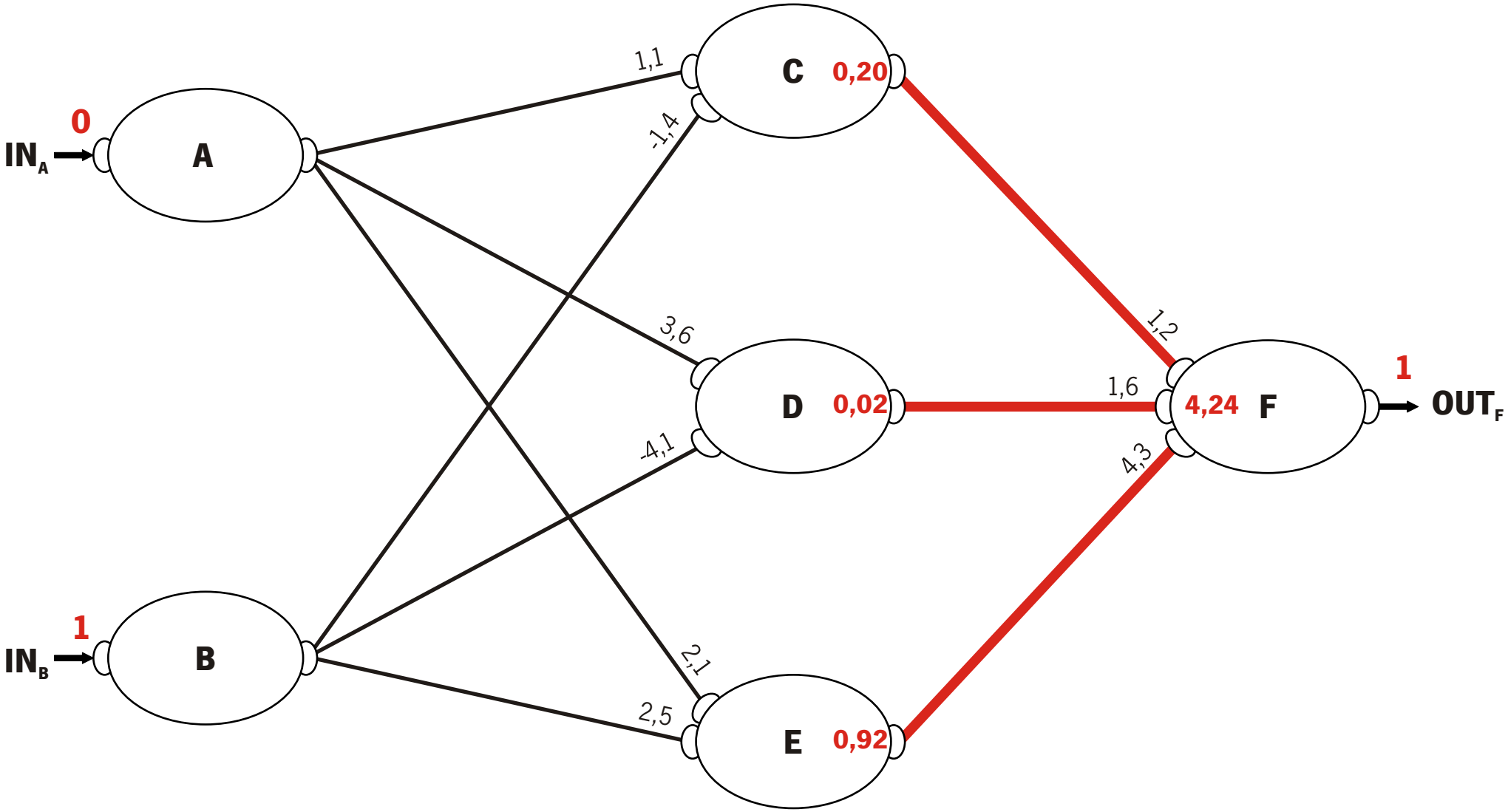
$$f_A(P,E) = \sum P \times E$$

$$f_T(A) = \frac{1}{1 + e^{-A}}$$



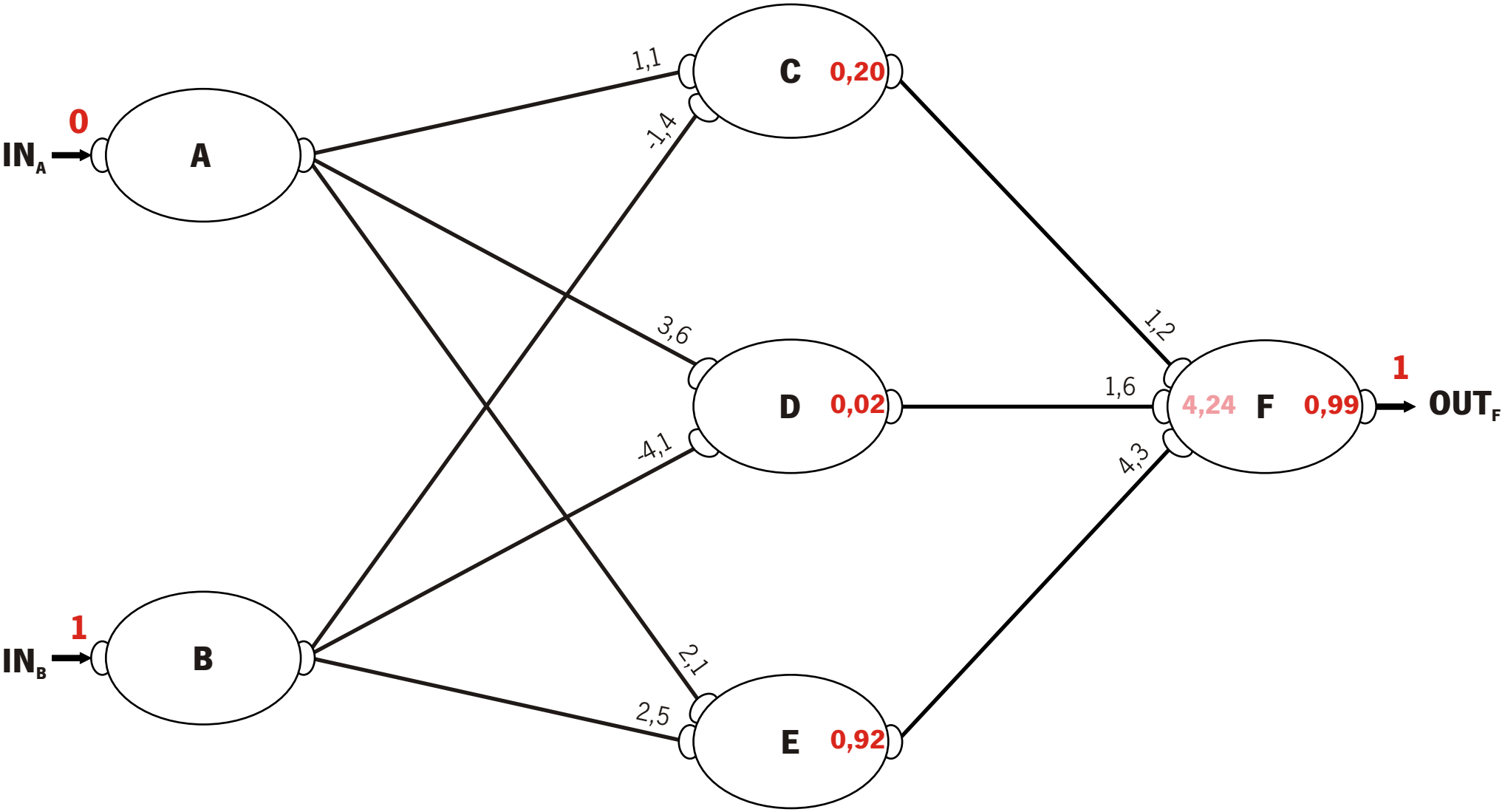
$$f_A(P,E) = \sum P \times E$$

$$f_T(A) = \frac{1}{1 + e^{-A}}$$



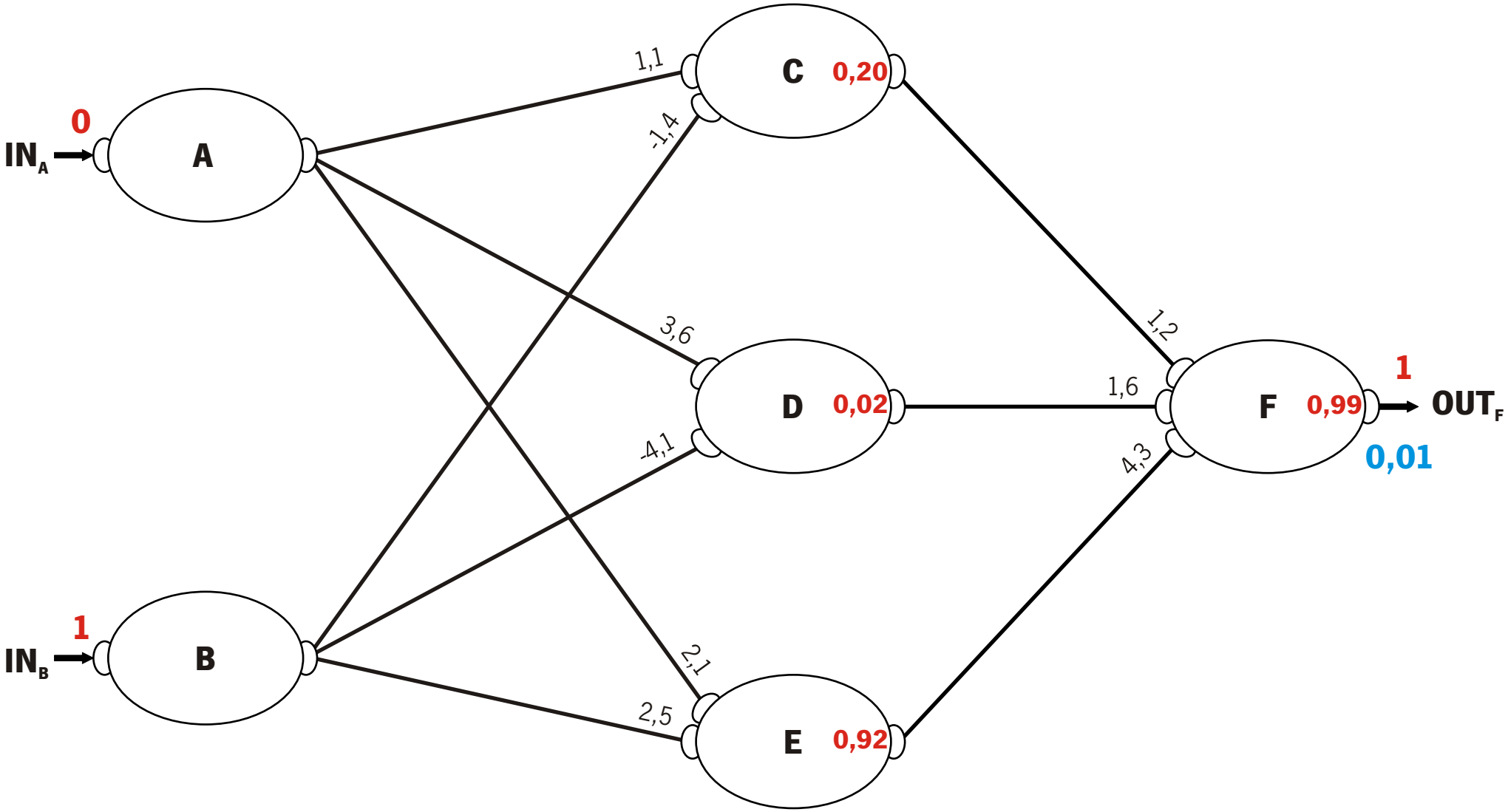
$$f_A(P,E) = \sum P \times E$$

$$f_T(A) = \frac{1}{1 + e^{-A}}$$



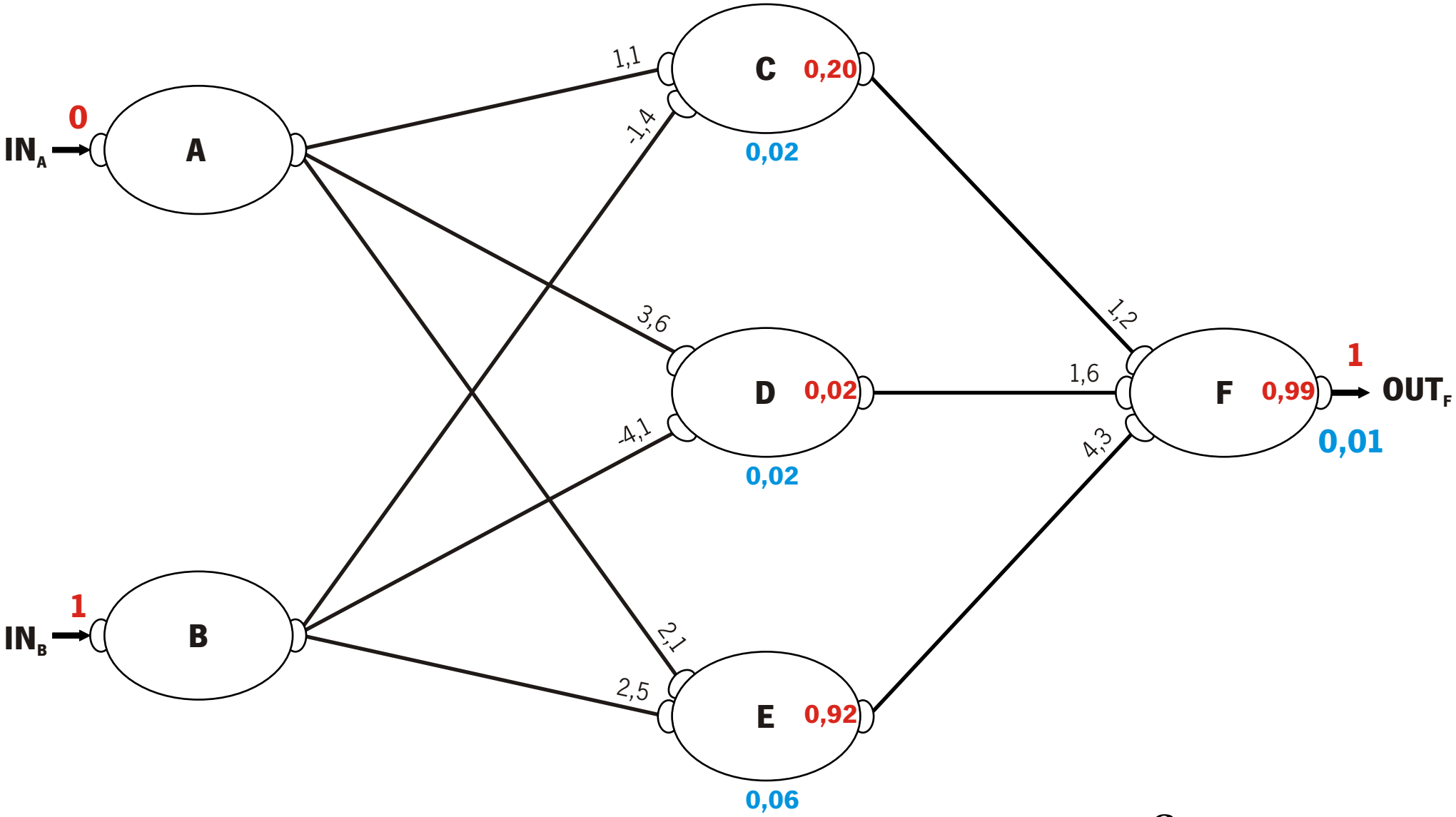
$$f_A(P,E) = \sum P \times E$$

$$f_T(A) = \frac{1}{1 + e^{-A}}$$



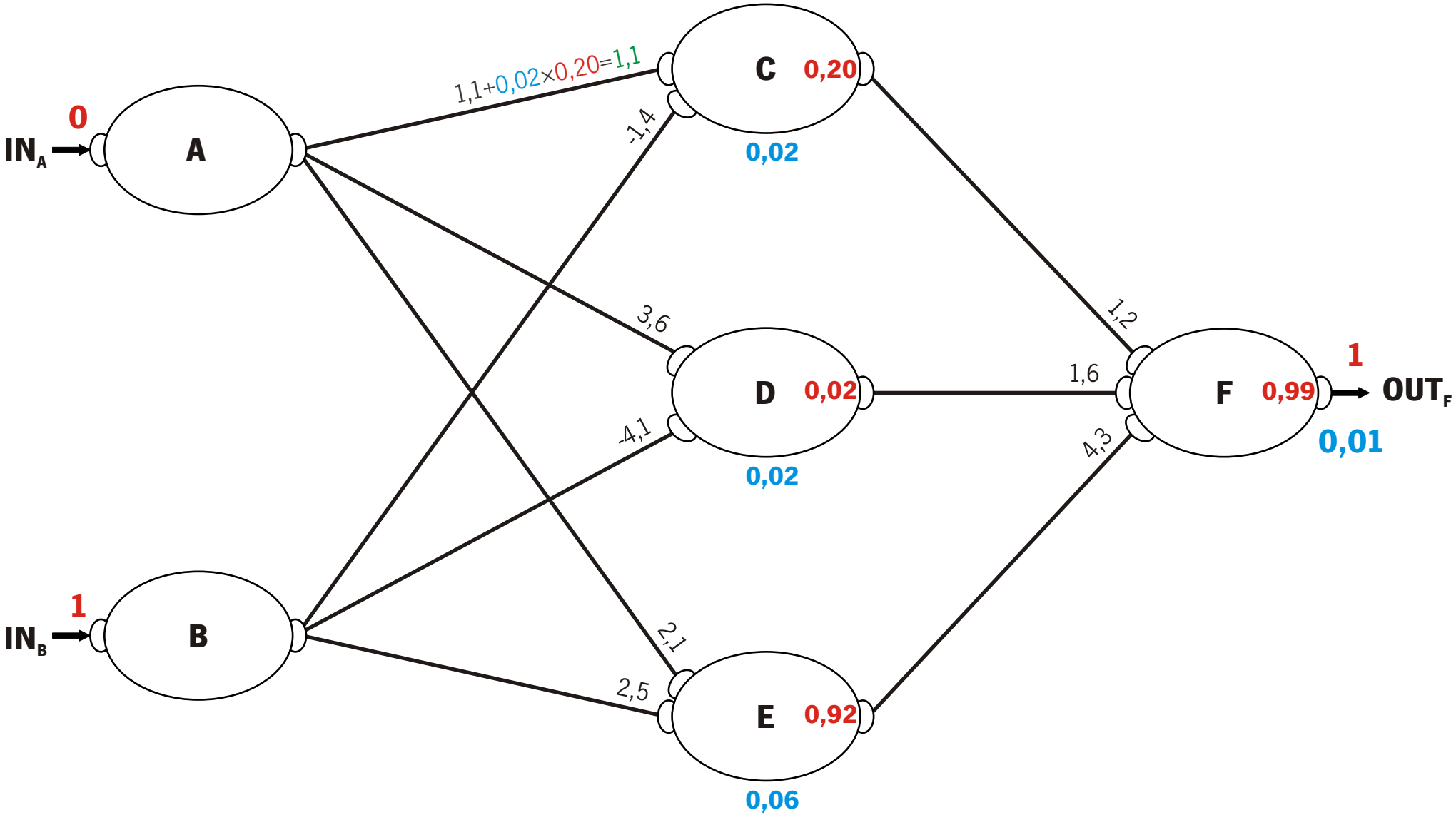
$$\varepsilon = OUT_{\mathcal{D}} - OUT_{C}$$

$$\varepsilon_{\leftarrow} = \varepsilon \times P$$

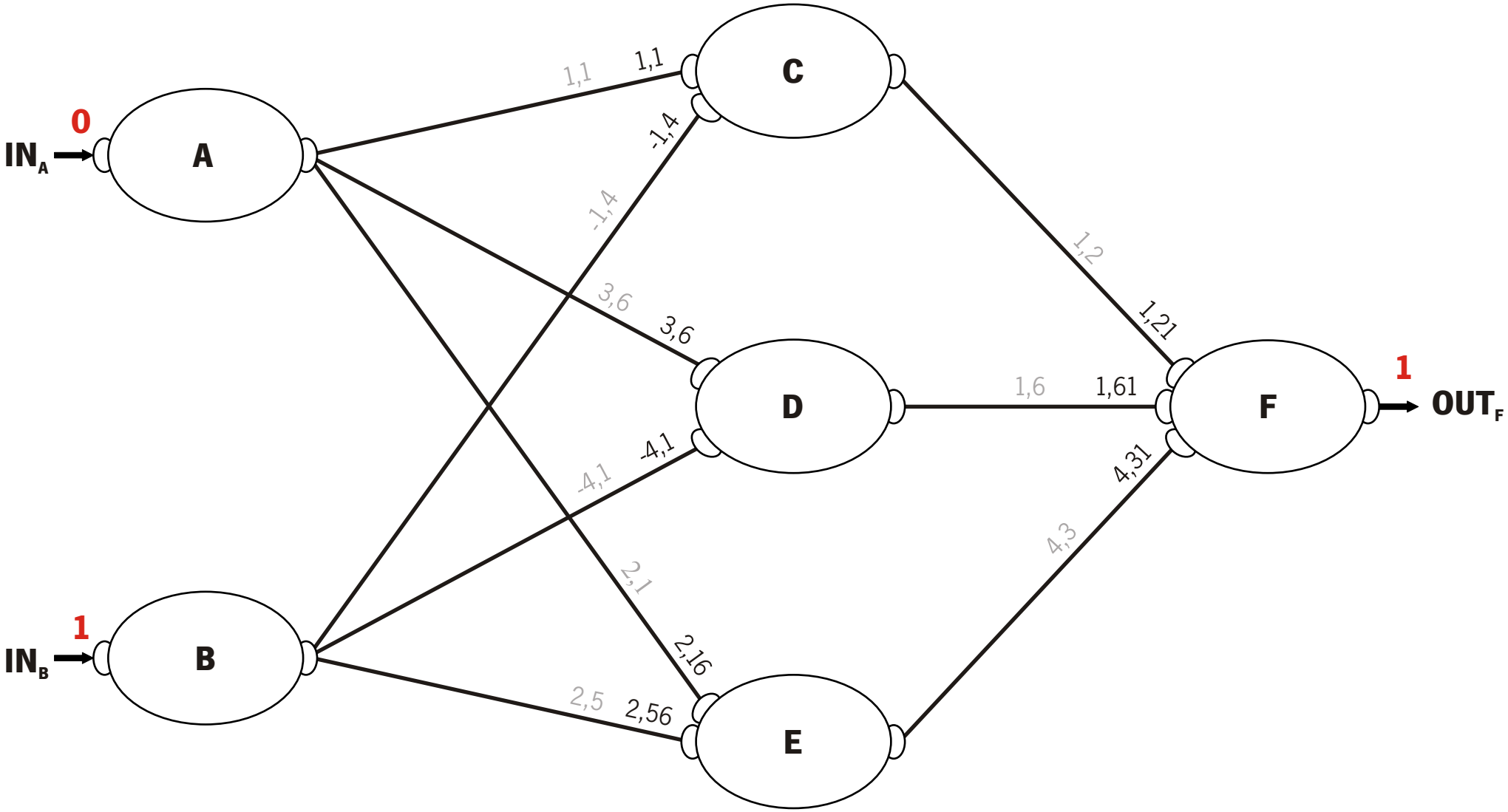


$$\varepsilon = OUT_{\mathcal{D}} - OUT_{C}$$

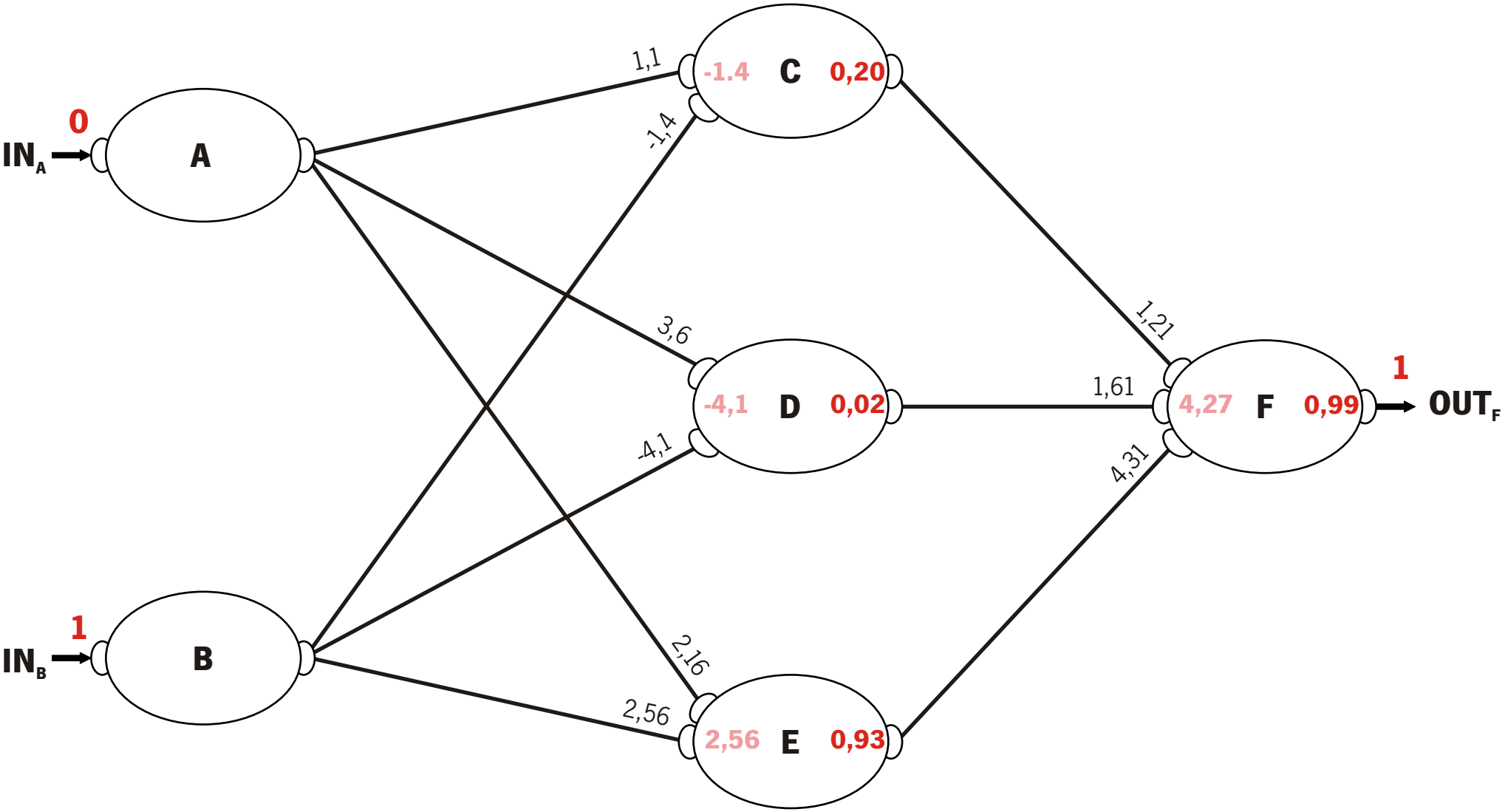
$$\varepsilon_{\leftarrow} = \varepsilon \times P$$



$$P_{i+1} = P_i + \varepsilon \times f_T$$

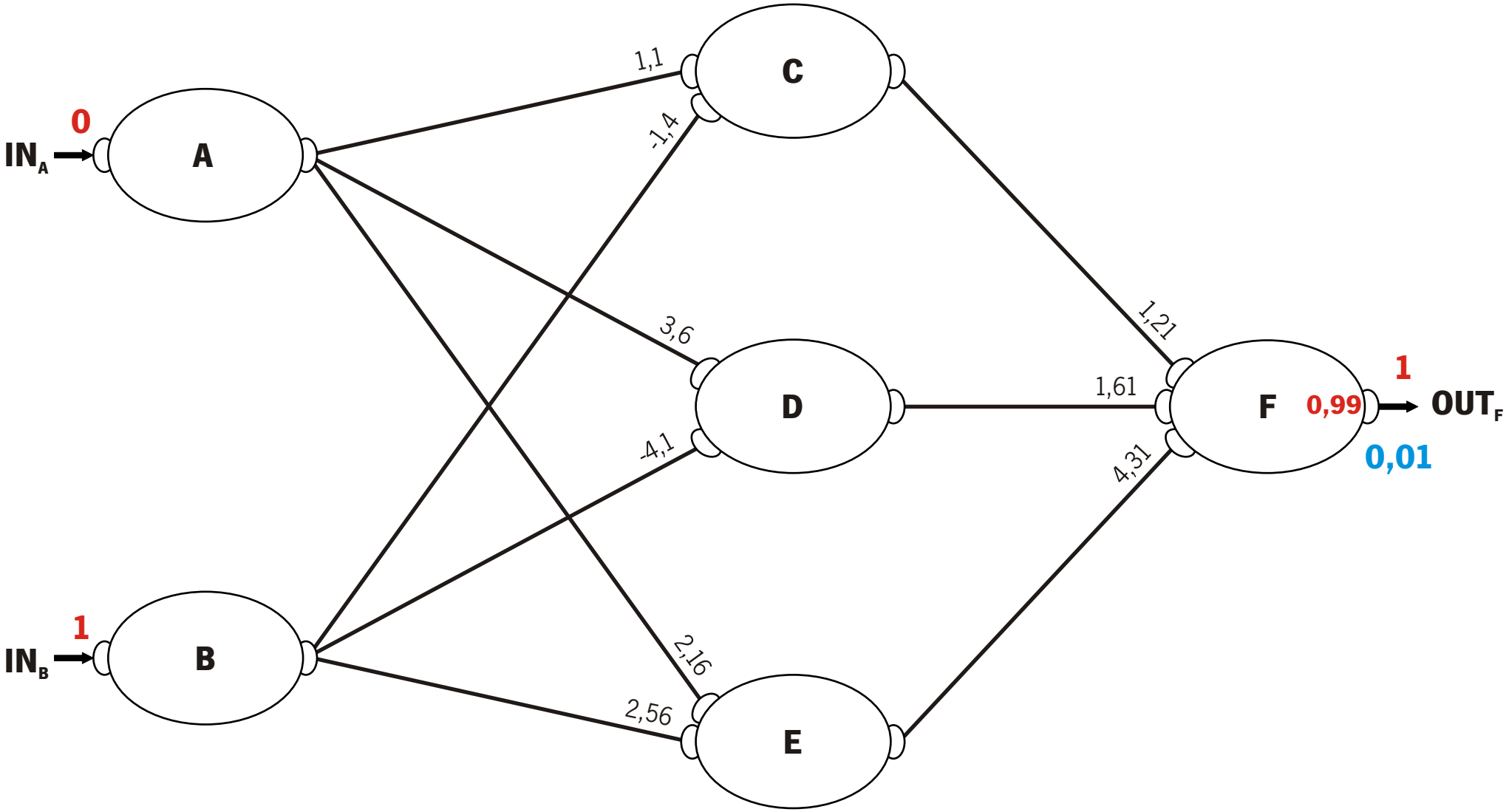


$$P_{i+1} = P_i + \varepsilon \times f_T$$



$$f_A(P,E) = \sum P \times E$$

$$f_T(A) = \frac{1}{1 + e^{-A}}$$



Universidade do Minho