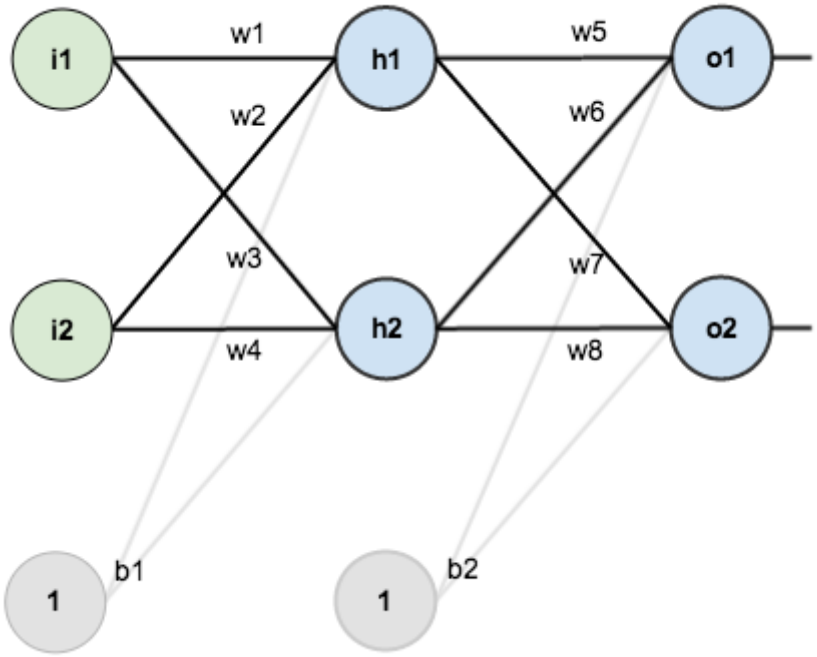
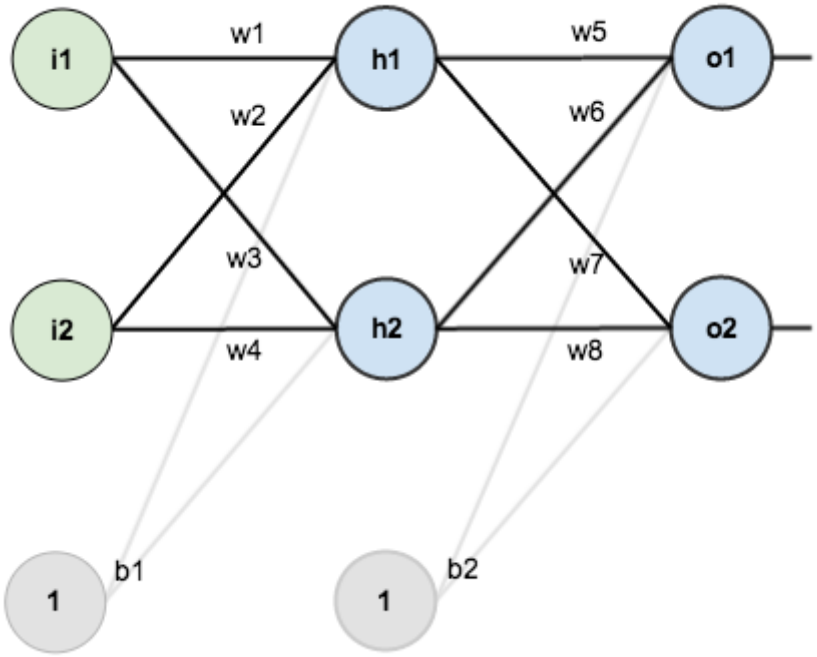
Retropropagazione (backpropagation)

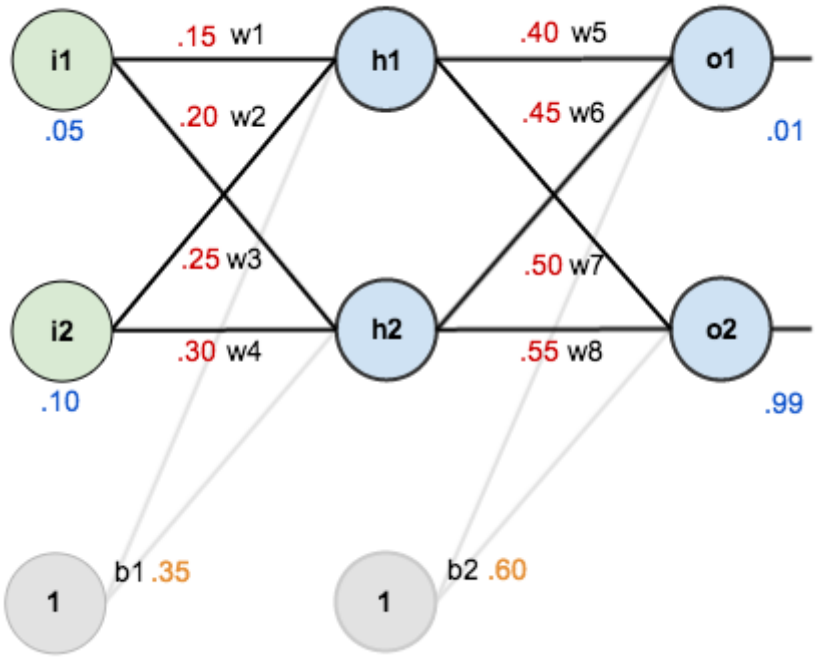
La backpropagation è una della pietre miliari del Machine Learning, si applica principalmente alla rete neurale. (diamo per scontato si sappia cosi sia una rete neurale a livello base)

Per spigare passo passo la BP (backpropagation) utilizzeremo un semplice rete neurale sotto riportata:



TODO





$$E_{o1} = \frac{1}{2}(target_{o1} - out_{o1})^2 = \frac{1}{2}(0.01 - 0.75136507)^2 = 0.274811083$$

$$E_{o2} = 0.023560026$$

$$E_{total} = E_{o1} + E_{o2} = 0.274811083 + 0.023560026 = 0.298371109$$

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