Calculul vectorului gradient pt f. de log-ver. cdț-lă
corr. setului de date de la pr 4.2 (cea cu ciuperci)
cf formulei (175) de la pr 2.13.b / teoriei

pr 2.13 (175)

8 la pr 4.2

$$\nabla_w \ell(w) = \sum_{i=1}^{m} \left[y^{(i)} - \sigma(w \cdot x^{(i)}) \right] x^{(i)} =$$

$$w \leftarrow w + \eta \nabla_w \ell(w) \quad (174)$$

pr 4.2

$= [1 - \sigma(w_1 + w_0)](1,0,0,0)^T +$ // A

$+ [1 - \sigma(w_1 + w_3 + w_0)](1,0,1,0)^T +$ // B

$+ [1 - \sigma(w_2 + w_4 + w_0)](0,1,0,1)^T -$ // C

$- \sigma(w_4 + w_0)(0,0,0,1)^T -$ // D

$- \sigma(w_1 + w_2 + w_3 + w_0)(1,1,1,0)^T$ // E

$- \sigma(w_1 + w_3 + w_4 + w_0)(1,0,1,1)^T$ // F

$- \sigma(w_1 + w_4 + w_0)(1,0,0,1)^T$ // G

$- \sigma(w_2 + w_0)(0,1,0,0)^T$ // H