$a_1^{(1)} = g(0.5 \cdot 1 + 0.4 \cdot 1 + 0.8 \cdot -1) = g(0.1) = 0.525$

$a_2^{(1)} = g(0.9 \cdot 1 + 1.0 \cdot 1 + -0.1 \cdot -1) = g(2) = 0.881$

$a_1^{(2)} = g(-1.2 \cdot 0.525 - 1.1 \cdot 0.88 + 0.3 \cdot -1) = g(0.032) = 0.508$

$O = a_1^{(2)} = 0.508$

$\delta = (y - O) O(1 - O) = (0 - .508) .508(1 - .508) = -0.127$

$\delta_1^{(1)} = (-1.2 \cdot -0.127) 0.525(1 - 0.525) = 0.038$

$\delta_2^{(1)} = (1.1 \cdot -0.127) 0.881(1 - 0.881) = -0.015$

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new $w_{11}^{(2)} = -1.2 + 0.1 \cdot -0.127 \cdot 0.525 = -1.207$

new $w_{12}^{(2)} = 1.1 + 0.1 \cdot -0.127 \cdot 0.881 = 1.089$

new $w_{13}^{(2)} = 0.3 + 0.1 \cdot -0.127 \cdot -1 = 0.313$

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new $w_{11}^{(1)} = 0.5 + 0.1 \cdot 0.038 \cdot 1 = 0.538$

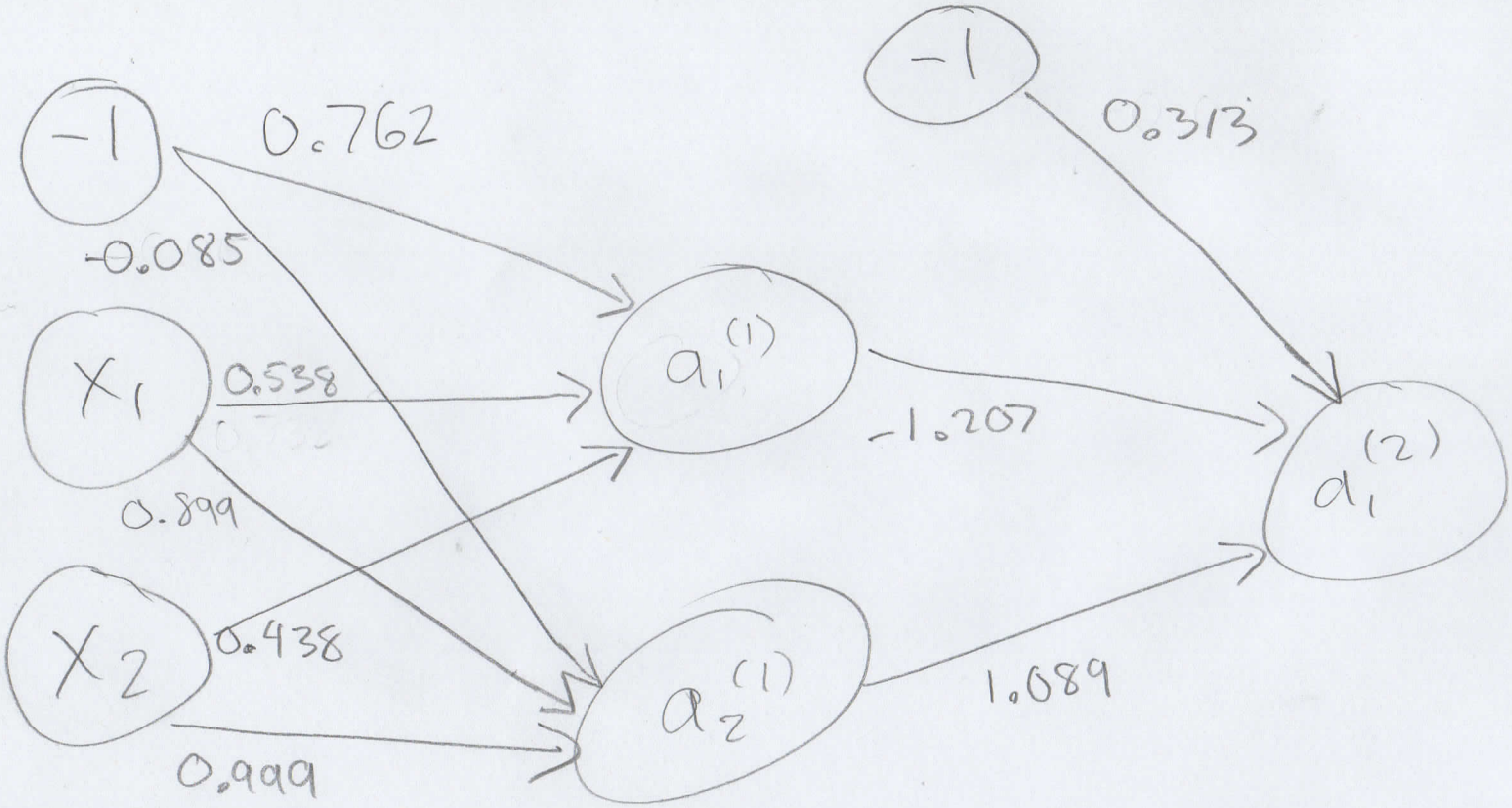
new $w_{12}^{(1)} = 0.4 + 0.1 \cdot 0.038 \cdot 1 = 0.438$

new $w_{13}^{(1)} = 0.8 + 0.1 \cdot 0.038 \cdot -1 = 0.762$

new $w_{21}^{(1)} = 0.9 + 0.1 \cdot -0.015 \cdot 1 = 0.899$

new $w_{22}^{(1)} = 1.0 + 0.1 \cdot -0.015 \cdot 1 = 0.999$

new $w_{23}^{(1)} = -0.1 + 0.1 \cdot -0.015 \cdot -1 = -0.085$



UPDATED NETWORK