0.73	0.21	1
1.2	1.7	1
2.07	3.7	0
2.33	2.7	0

$\vec{w} = [-0.23, -1.87]$

$\alpha = 0.91$

$\theta = 1.31$

$n = (-0.23 * 0.73) + (-1.87 * 0.21) + 1.31$

$n = 0.7454$ $\quad f(0.7454) = 1$

$e = 1 - 1 = 0$

$n = (-0.23 * 1.2) + (-1.87 * 1.7) + 1.31$

$n = -2.148$ $\quad f(-2.145) = 0$

$e = 1 - 0 = 1$

$w(t+1) = [-0.23, -1.87] + 0.91 * 1 * [1.2, 1.7]$

$w(t+1) = [0.862, -0.323]$ $\quad \theta(t+1) = 1.31 + 0.91 * 1 = 2.22$

$n = (0.862 * 1.2) + (-0.323 * 1.7) + 2.22$

$n = 2.7053$ $\quad f(2.7053) = 1$

$e = 1 - 1 = 0$

$n = (0.862 * 0.73) + (-0.323 * 0.21) + 2.22$

$n = 2.78143$ $\quad f(2.78143) = 1$

$e = 1 - 1 = 0$

$n = (0.862 * 2.07) + (-0.323 * 3.7) + 2.22$

$n = 2.80524$ $\quad f(2.80524) = 1$

$e = 0 - 1 = -1$

$w(t+2) = [0.862, -0.325] + 0.51 * -1 * [2.07, 3.7]$

$w(t+2) = [-1.0217, -3.65]$ $\theta(t+2) = 2.22 + 0.51(-1) = 1.71$

$n = (-1.0217 * 2.07) + (-3.65 * 3.7) + 1.71$

$n = -14.45$ $f(-14.45) = 0$

$e = 0 - 0 = 0$

$n = (-1.0217 * 2.33) + (-3.65 * 2.7) + 1.71$

$n = -11.03$ $f(-11.03) = 0$

$e = 0 - 0 = 0$

$n = (-1.0217 * 0.73) + (-3.65 * 0.21) + 1.71$

$n = -0.21$ $f(-0.21) = 0$

$e = 1 - 0 = 1$

$w(t+3) = [-1.0217, -3.65] + 0.51 * 1 * [0.73, 0.21]$

$w(t+3) = [-0.3574, -3.4985]$ $\theta(t+3) = 1.71 + 0.51 * 1 = 2.22$

$n = (-0.3577 * 0.73) + (-3.4985 * 0.21) + 2.22$

$n = 1.22$ $f(1.22) = 1$

$e = 1 - 1 = 0$

$n = (-0.3577 * 1.2) + (-3.4985 * 1.7) + 2.22$

$n = -4.15$ $f(-4.15) = 0$

$e = 1 - 0 = 1$

$w(t+4) = [-0.3574, -3.4985] + 0.51 * 1 * [1.2, 1.7]$

$w(t+4) = [0.7346, -1.5518]$ $\theta(t+4) = 2.22 + 0.51 * 1 = 3.13$

$n = (0.7346 * 1.2) + (-1.5519 * 1.7) + 3.13$

$n = 0.69 \quad f(0.69) = 1$

$e = 1 - 1 = 0$

$n = (0.7346 * 2.07) + (-1.5519 * 3.7) + 3.13$

$n = -2.52 \quad f(-2.52) = 0$

$e = 0 - 0 = 0$

$n = (0.7346 * 2.33) + (-1.5519 * 2.7) + 3.13$

$n = -0.42 \quad f(-0.42) = 0$

$e = 0 - 0 = 0$

$w_1 x_1 + w_2 x_2 + \theta = 0$

$x_1 = \frac{-3.13}{0.7346} = -4.26 \qquad x_2 = \frac{3.13}{1.5519} = 1.60$