

 $\omega_2 = \int_{-\infty}^{\infty} \Theta(x) \left(\frac{x - x_1}{x_2 - x_1} \right) dx \quad x_1 = 3.4$ 0-(x) = C-X $\omega_{2} = \int e^{-x} \left(\frac{x - 3.4}{0.6 - 3.4} \right) dx$ $=\frac{1}{-28}\int e^{-x}(x-3.4)dx$ = 1 [1:m [ex (x-3.4)dx] = 1 [L:m -St + 12 - 12] -2.8 t->00 5et 5 = 1 [-12] = 0.85914. d.) Usando el código tenemos Zwif(xi) = 6 =) w, (x+)3+ w, (x2)3+ w3 (x3)3 => Demostrado en có digo