So, 
$$h_1 = \alpha L b_1 + \omega_1 \times_1 + \omega_2 \times_2$$
]

 $h_2 = \alpha L b_2 + \omega_3 \times_1 + \omega_4 \times_2$ ]

 $h_3 = \alpha L 0.5 + 0.1 \cdot 0.3 + 0.3 \cdot 0.7$ ] =  $\alpha L 0.74$ ]

 $\Rightarrow h_1 = \alpha L 0.6 + 0.2 \cdot 0.3 + 0.4 \cdot 0.7$ ] =  $\alpha L 0.94$ ]

 $\Rightarrow h_1 = \frac{1}{1 + e^{-0.94}} \approx 0.719$ 
 $\Rightarrow h_2 = \frac{1}{1 + e^{-0.94}} \approx 0.719$ 
 $\Rightarrow \chi_0 = b_3 + \omega_5 h_1 + \omega_6 \cdot h_2 = 0.9 + 0.7 \cdot (0.67) + 0.8(0.719)$ 
 $\Rightarrow \chi_0 = \alpha L 1.941$ ] =  $\frac{1}{1 + e^{-1941}} \approx 0.874$ 
 $\Rightarrow \chi_0 = \alpha L 1.941$ ] =  $\frac{1}{1 + e^{-1941}} \approx 0.874$ 
 $\Rightarrow \chi_0 = \alpha L 1.941$ ] =  $\frac{1}{1 + e^{-1941}} \approx 0.874$