263 * 20043 * 20113 20043 20043 * 20113 263 * 20043 * 20113 -2.065 × 0.2497×6.9387 These results shows how much we should reduce our weights by. Typically a learning rate is applied which ranges from 0.1 to 0.000. It helps with conveyence of the algorithms.

You are the equation $W = W + (learning rate(a) \times 8W)$ 200 * 30 outs * 30 ins -2.065 x 0.2493x 0.94 -2.065 x 0,2497x 0.98 From here we can derive the equations for the other waights asserved for the second hidden layer 8 Ke is WK213 - (0 * 8 W K213) Wk313- (0 x 8 Wk313) 0.8-(0.01)(-0.4837) 0.2-(0.01)(-0.4847) 0.9-(0.01)(-0.5053) 200003 20ins Therefore for us to calculate the change in weight, WKILL, we would proceed as pollows. -1.399 x 0.2025 x 0.938 86.0 XSTOR :0 x 6.881-3E2 * 30out2* 30in2 362 # 20 outer 20 ins 49.0 x2008.0 x 6.64 3E3 x 20 m22 2012 200 m2 2012 0.4-(0.01)(-0.2657) 0.7-(0.01)(-0.2663) MK217- (0 * 8 WK211) Wk311- (0 * 8 Wk317) DE1 = DE1 * DOUTS * DOING From the chain rule in Calculus DWALL DOING DWALL -5-036 × 0.1591 × 0.938 -5.036 × 0.1541 × 0.98 -5.036X 0.1541 × 0.94 061 × 20041* 20'11 20041 20'11 30'11 20041 20'11 30'11 20'01 20'11 30'11 20'01 20'11 30'11 20'01 20'11 30'11 (9151-(0.01)(-0.7516) Wks17 - (4 * 8 Wks17) New wagne matrix for WKL= [WKILI-(0 * 8 WKILI) -0.4833 -0.4847 SWK113 SWKBL3 SWK213 OKA (3) 2E3 2Wx43 8WKL= -0.7516 -0.2657 -0.3663 SWK312 SWK212 8Wk112 2 WK312 DE2 DWK212 DE2 DWK12 362 -0.7532 OWKRLA OWKRLA OWKRLA OWKRLA SWK317 Ser Tiens SW-14 SWRL = SWALL given by: