ASSIGNMENT #6 (APRIORI in Higher Dimension) > \( \psi \cup i = 1  $(w_1, w_2, w_3, w_4) = (0.2, 0.5, 0.2, 0.1)$ 0.56  $w, f_1(x_1) + w_2 f_2(x_1) + w_3 f_3(x_1) + w_4 f_4(x_1)$ W1 f1 (x2) + W2 f2 (x2) + W3 f3 (x2) + W4 f4 (x2) 0.37 0.24 W1f1 (x3) + w2f2(x3) + w3f3(x3) + w4f4(x3) Wify (x4) + Wzfz (24) + Wzfz (x4) + W4f4 (24) 0.245 W181 (25) + W282(25) + W383 (25) + W484(25) 0.62 W, f, (xB) + W2 f2(x6) + W3 f3(x6) + W4 f4(x6) 0.185 Wyfy(27) + Wzfz(x7) + Wzfz(x7) + Wyfy(27) 0.78 W,f,(x8) + w2f2(x8)+w3f3(x8)+w4f4(x8) 0.83 0.81 W15, (xg) + W2f2(xg) + W3f3(xg) + W4 f4(xg) W, f, (210) + W2 f2 (210) + W3 f3 (216) + W4 f4 (210) 0.86 Min(056,0.37,0.24,0.245,0.62,0.185,0.78,0.83,0.81,0.86) = 0.185

C = f = 0.5

	< 0·5	$\epsilon_1 = \epsilon_3$	3=0.5	
Solution	max(f1)	$min(f_2)$	$mir(f_3)$	max (fig)
71	0.5	0.4	1 1	0-6
aa -	0-25	0.5	0.2	0.3
13	0	0	0.71	
dy	0.25	0:35	0	0.2
795	0.5	0.54	1 1	0°5°
( 76	D	0.01	0-4	1
7771	1 ×	1	0.4	
78	1 ×	1	0.4	0°5 V
729	1 4	1	0.4	0-3
710	1 1	1	0-4	0.8