



.45	
3(a).	cost of z*
	· = = (= + 2 + 2 + 2 2 + 2) + 055 = 3*
	$= \frac{1}{2} (05^2 + 0.5^2 + 0) + 0$
	= 0.25
	Point 1 (0.45,0.5,005)
	$cost \ of \ point = \frac{1}{2} (0.45^{2} + 0.5^{2} + 0.05^{2} + 0.05^{2} + 0.253875$
	Point 2 (0.5, 0.4, 0.) White is the contract of point 2 = \frac{1}{2} (0.5 + 0.4 + 0.) + 0.55.01 = 0.2605
	Point 3 (0.45, 0.4, 0.15)
	Ust of point3 = = (0.45 +04+0.1.0.18)+0.85.0.15= 0.264875
	Z* may be a local minimum
3 Lb).	Z* is not a global minimum
`!	perof point $(0,0,0) = 0 < \omega \text{stof} \ z^{+} = 225$
na i	200