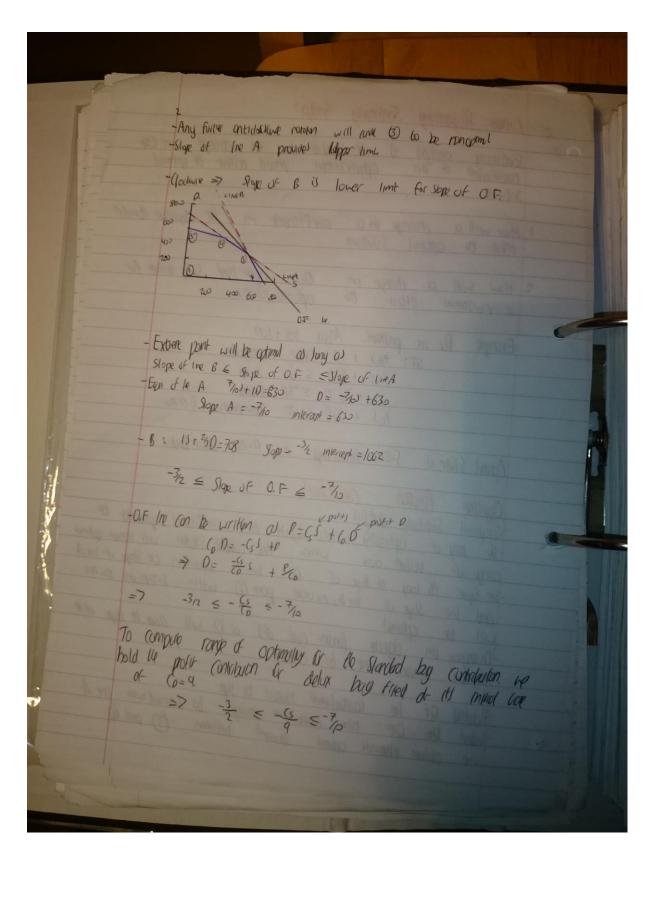
0	Linear Angarmany Santinining Analysis	
	Sensitivity analysis is the study of the the change in the	ittin
l.	How will a change in a coefficient in the objection funds in	
2	How will a charge in the right hard side value for a constraint affect the optimal solution	
	Example Par (m. problem). Max $100 + 100$ 5T: $\frac{7}{10}$ + $10 = 630$ cuttry $\frac{7}{10}$ $\frac{7}{10}$ + $\frac{7}{10}$ + $\frac{7}{10}$	(6
	Opinal Solution U 5=540 standed buys and 0=252 Delux bust	ind
-	Objective Finction Coefficients Graphical Sensitivity analysis The range of optimality for each objects finan coefficients provided the range of values over which who current solution will remain optimal size figure. As long as storge of O.F. line is between the slope of line A and the slope of line B, extreme point (3) with s=sup and b= orz will be optimal Changing an objecte finan (set of or 1) will cause the slope of the	
	Rodry Of the Contactable must be sign by Councid and the A Wen Obtain a territy optimal solutions between 3 and 6	



From left had side Inquity: -3/2 <- C5/9 & 3/2 7/5/4 Thu 27/2 7/65 of (3 5 27/2 = 135 For nght had by we have $\frac{-\zeta_1}{q} \leq -\frac{7}{10} \qquad \text{or} \qquad \frac{\zeta_2}{q} = \frac{7}{10}$ Thu) (3 7, 63/6 or (37/63 Combining cakulded limbs we know hope of which provided is with be verye of optimuly or be standed by convibin 6.3 = (3 = 13.5 -Everything elle unchanged, profit for slowled by our range for £63 6 6135 and Solution will remain gotant - Profit contribution will change - For Odux by with G=10 =7 6.67 = C0 = 1424 - In cole of vertical line, we will have one limit and by Other will be as ey 13.5 & (3 < as Right hand side. The Charge in the valle or le gotton solution per unit man In the programment side of the contains a collect the died under Example, and to evan unit to conshart and find new optimal solvion and priv his solving and diknery between del all now good differene : to u ten te dul voll