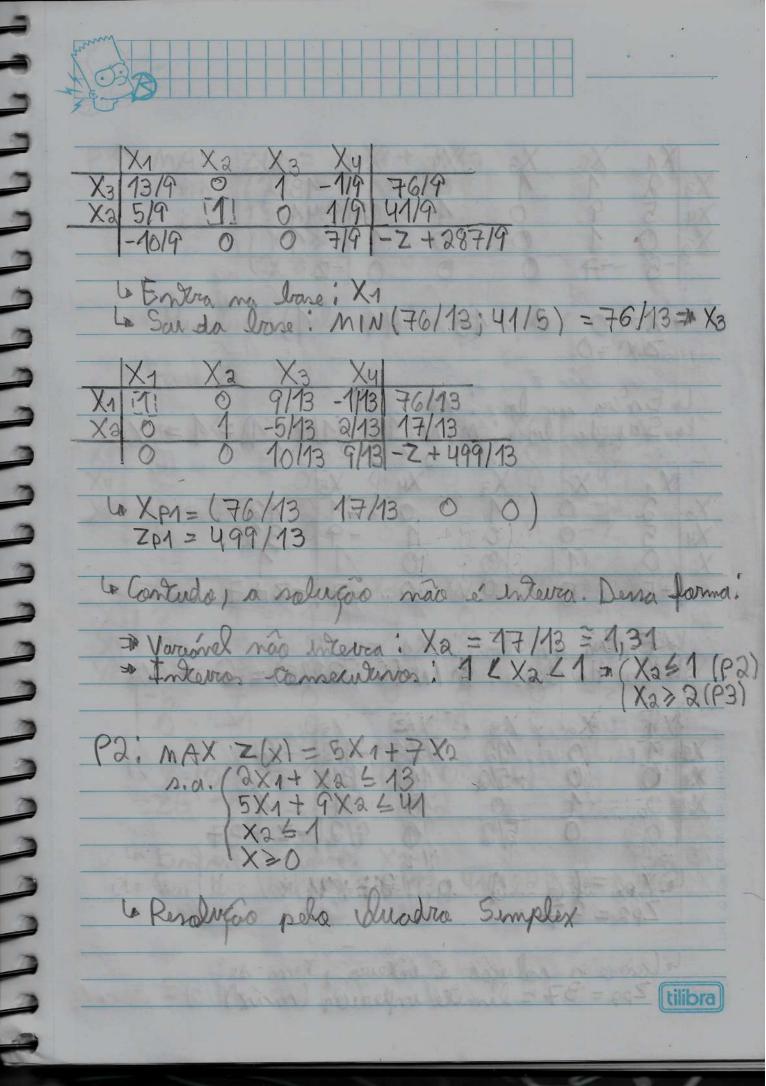
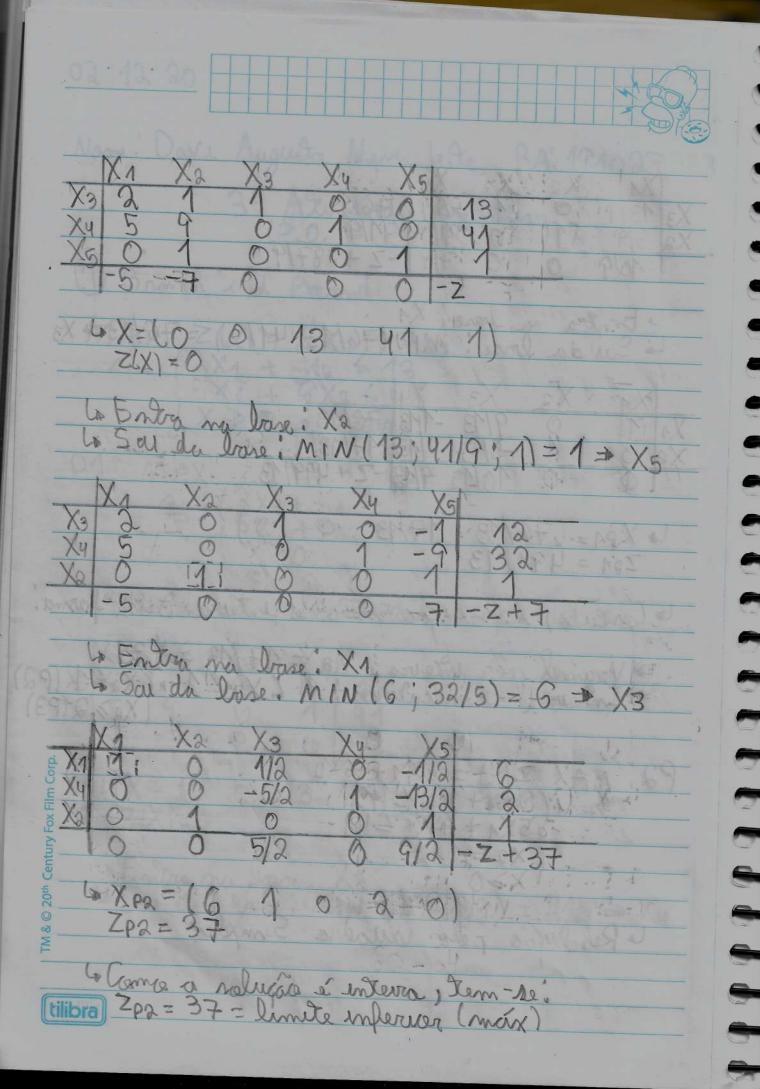
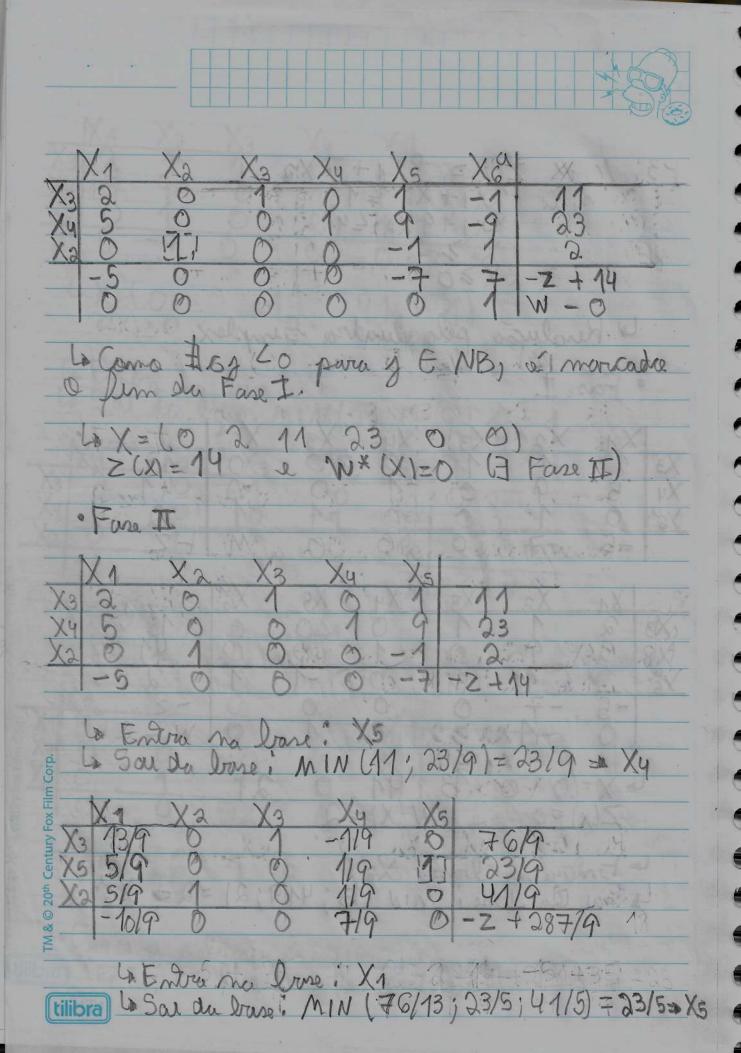
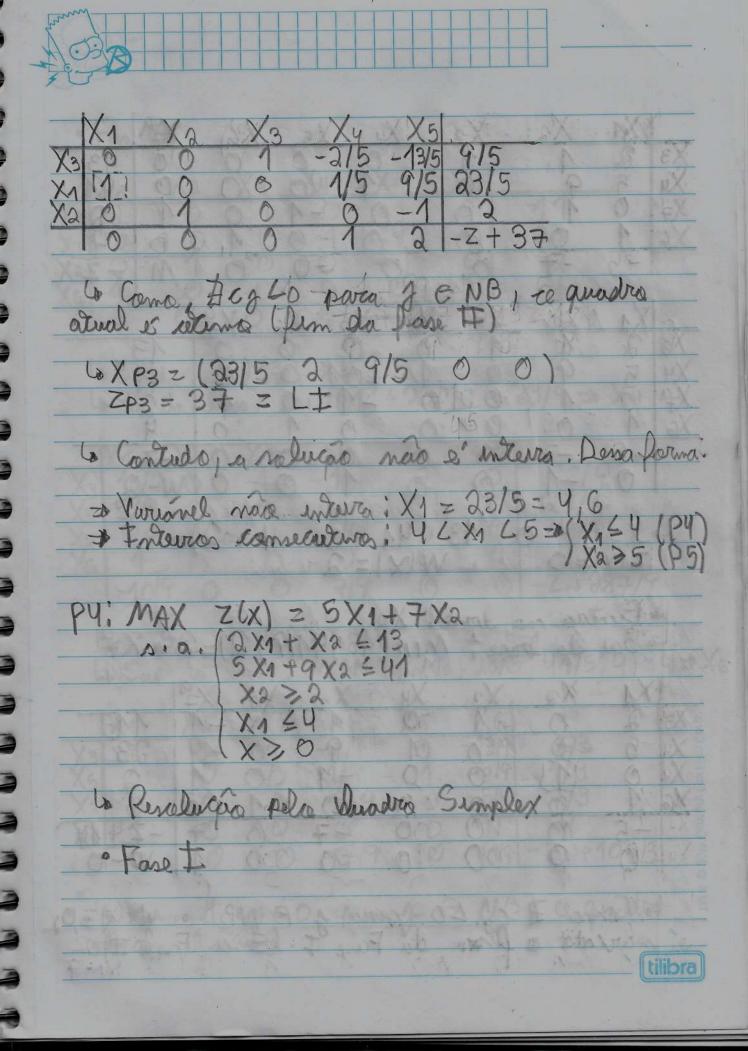
02 12 20 Nome: Dave Augusta Neves Lette RA: 191027383 3ª Atmodade Analistina (P.O. - B. G.C.) Branch and Bound Z(X) = 5X1, +7X2 200. (2X1 + X2 \le 13 5X1 + 9X2 \le 41 X > 0 e interre P1: MAX,Z 1.a. (2 X1 + X2 = 13 5 X1 + 9 X2 = 41 la Resolução pelo Duadro Simplex Z(X)20 La Entra ma Irase: Xa La Sou da Irase: MIN (13; 41/9) = 41/9 = X4 tilibra

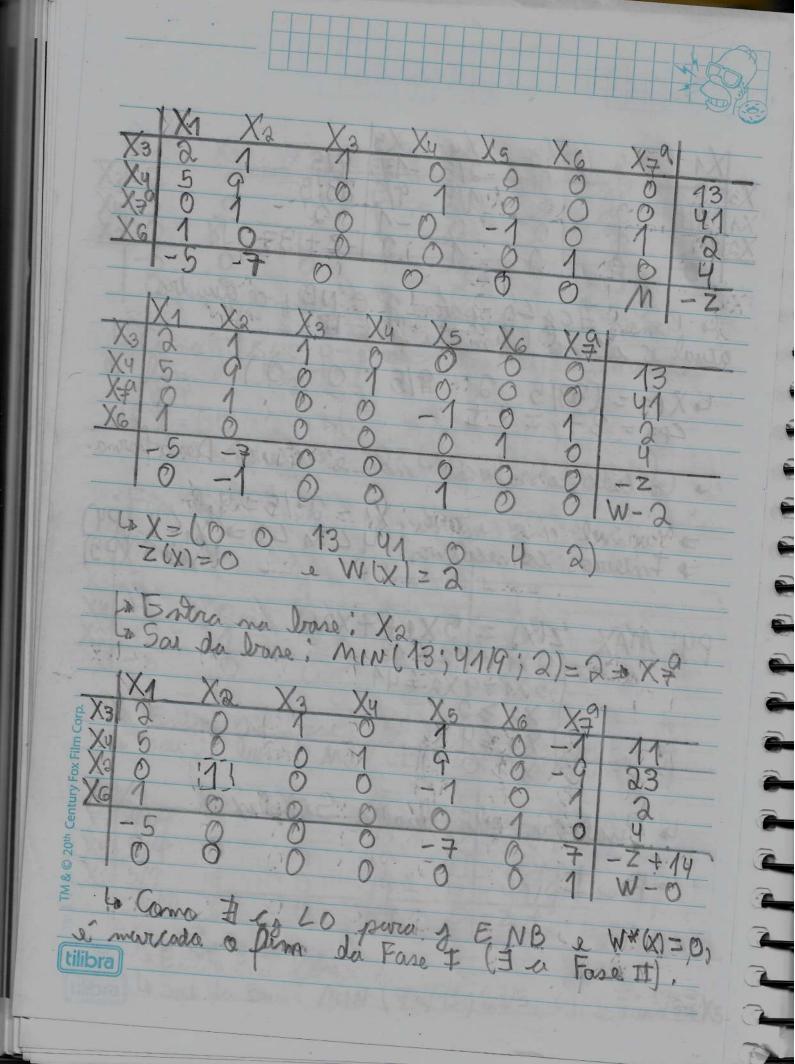




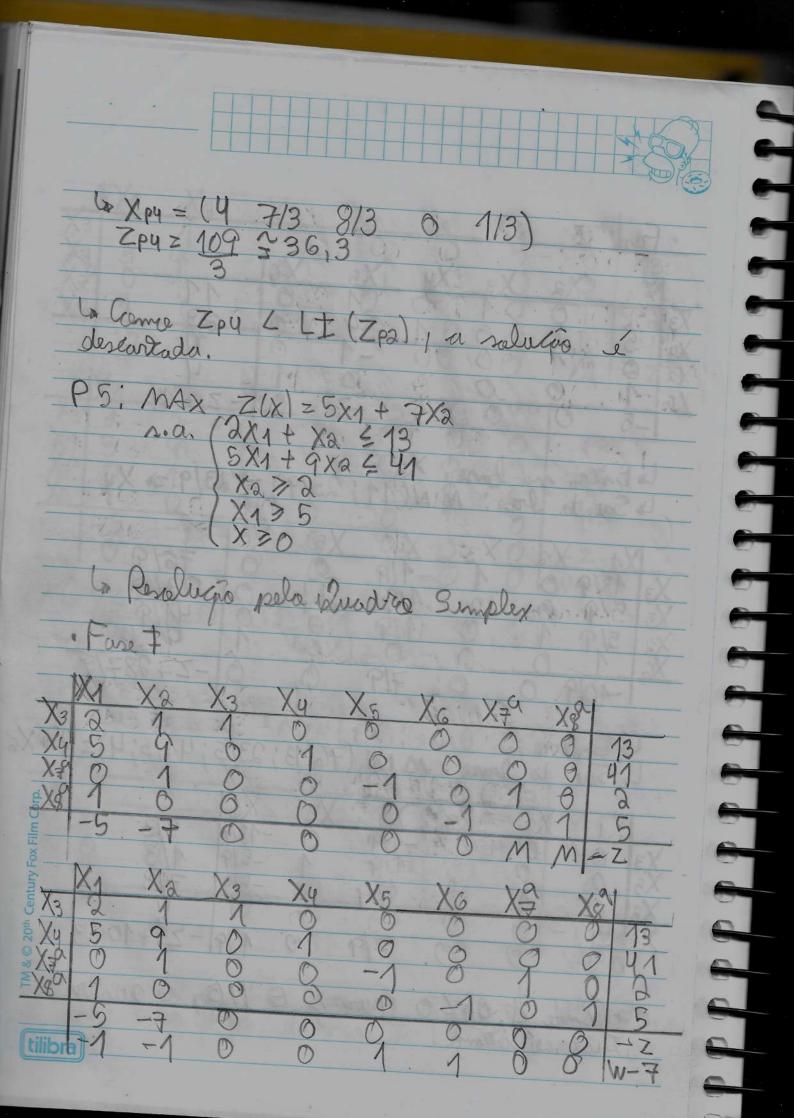
(X) = 5X1+7 X2 2X1+X2 = 13 5×1+9×2 441 ×2 2 2 ×20 Revolução pelo duadro Simplex tase I 13 41 C W(X)=2 6 X=10 0 Z(X)=0 La Sou du Drase: MIN (13; 41/9; 2) = 2 => X6







7	
3	From I I I I I I I I I I I I I I I I I I I
7	
3	TO THE REAL CASE MOLETY HOLE AND X (3)
7	· Fase II
	X1 X2 X3 X4 X5 X6 11
78	X3 2 0 1 9 0 23
	X4 0 7 8 0 -1 0 2 Xa 0 7 8 0 -1
3	X6 1 0 0 7 1 7 + 14
	-5 CHERN TAKEN TO THE TOTAL TO THE TOTAL T
3	( Entra ma loss: X5
13	La Sai Da Pase: Milly CII
3	X1 X2 X3 X4 X5 X6 76/9
	X3 13/9 0 0 1/9 11 0 23/9
3	X2 5/9 1 0 1/9 0 9 9 9/19
3	X6 1 0 0 719 0 0 -Z+287/9
3	
1	4 Entre na Drose: X1 4 Sai da Drose: MIN (76/13; 23/5; 41/5; 4)=4=1×X6
3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	X1 X2 X3 X4 X5 X6 8/3
3	X3 0 A 1/0 1 -5/9 1/3
1	X5 0 1 0 1/9 0 -5/9 7/3 X2 0 1 0 0 0 0 1 4
1	X1 17 1 0 0 7/9 0 10/9 - Z + 109/3
3	A TOTAL OF THE PARTY OF THE PAR
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1	Cilibra Lilibra
1	



La X Z LO W (X) = 7 Z(X = 0 La Sar du laso: MIN (13; 41/9; 2 a X9 X2 X2 -2+14 -5 W-5 La Britis no Jose: X1 La Son da Jose: MIN (11/2; 23/5; 5) = 23/5 + X4 9/5 [D 0 0 -2+37 915 lo Entra na lase: X70 4 Sal da Dase: MIN(9/13; 2; 2/9) = 2/9- X89 Mix tilibra

o fin da Fase Fore To NB 1 is marcado Lo XP5= 6 7/9 C ZP5= 337/9 (» Como WX ±0) a relução e' invierel i. Solução da problema original = Solução X\*= Xp2= 16 1 Z\*= Zp2 = 37 tilibra