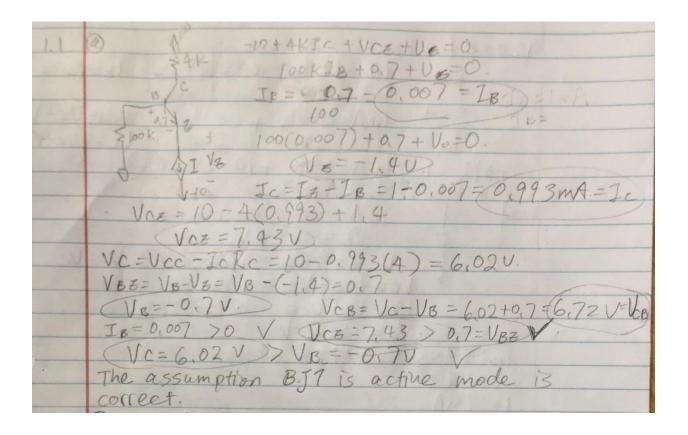
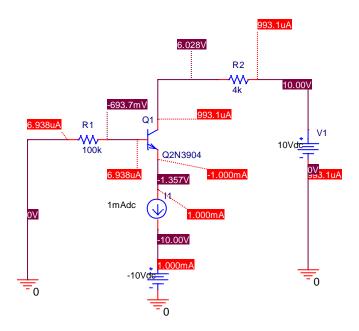
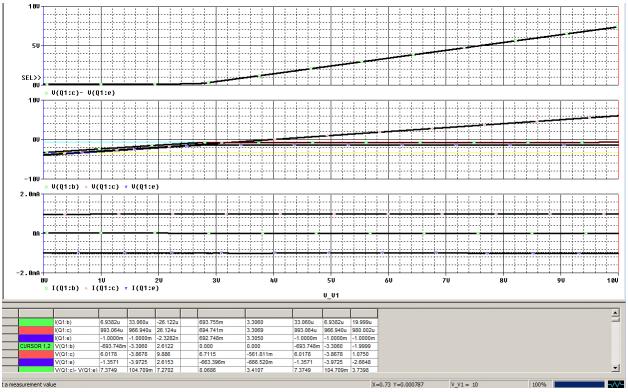
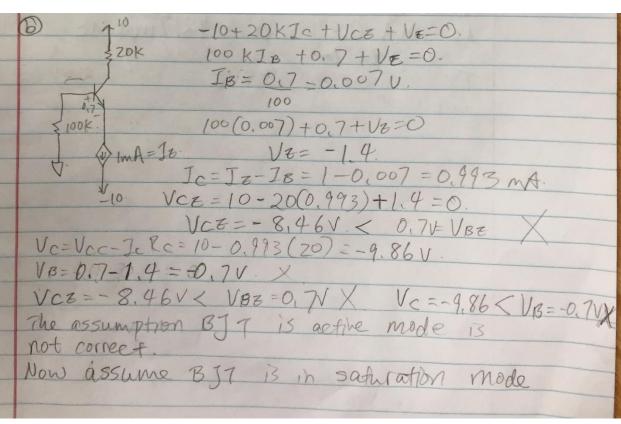
Rong Zheng

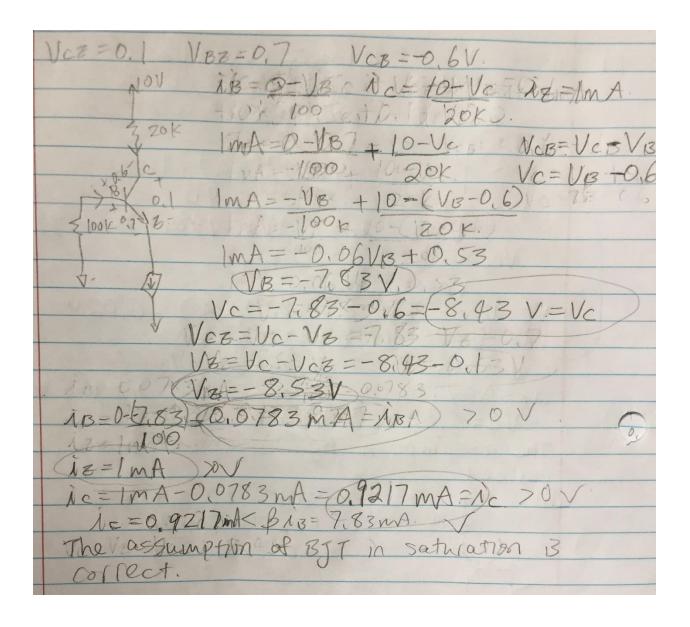
Homework 3

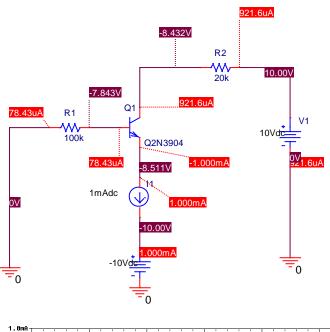


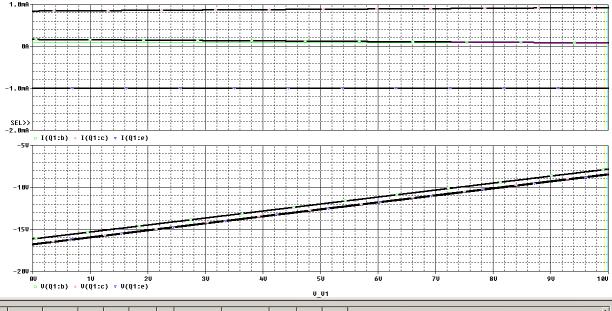




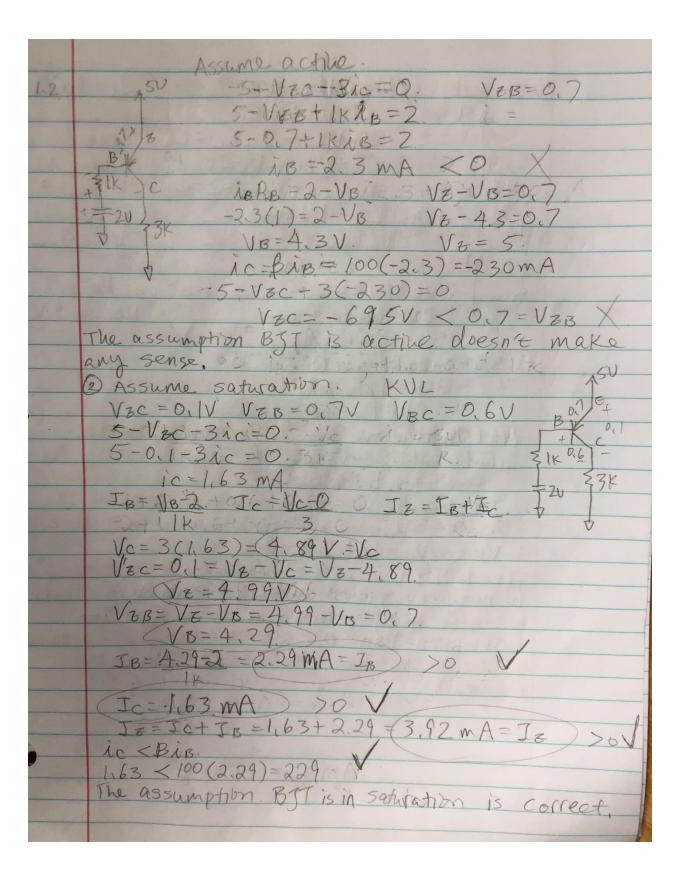


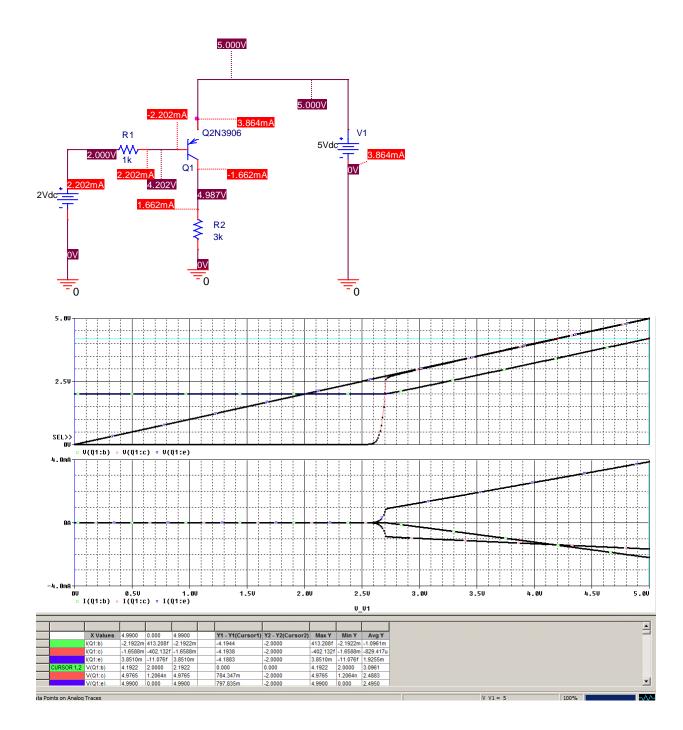


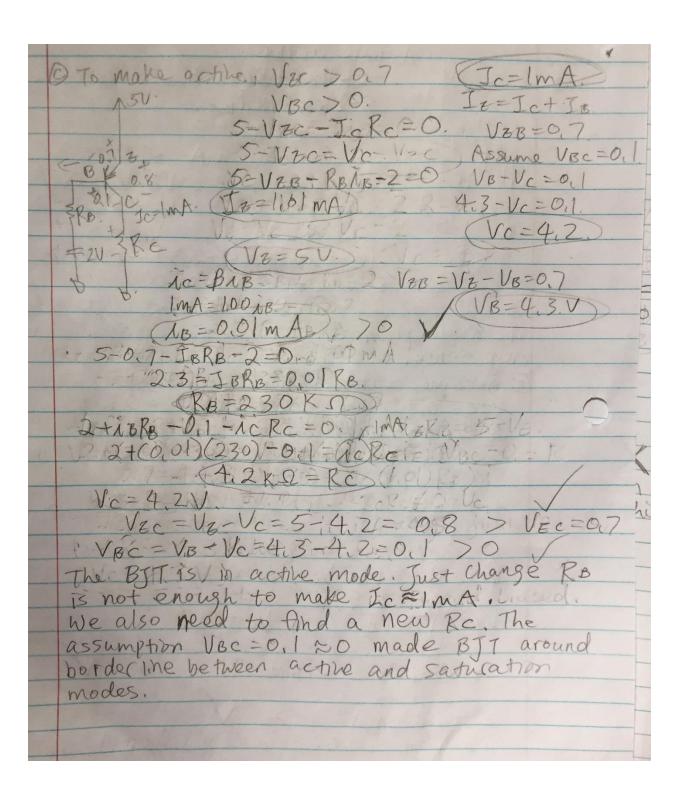


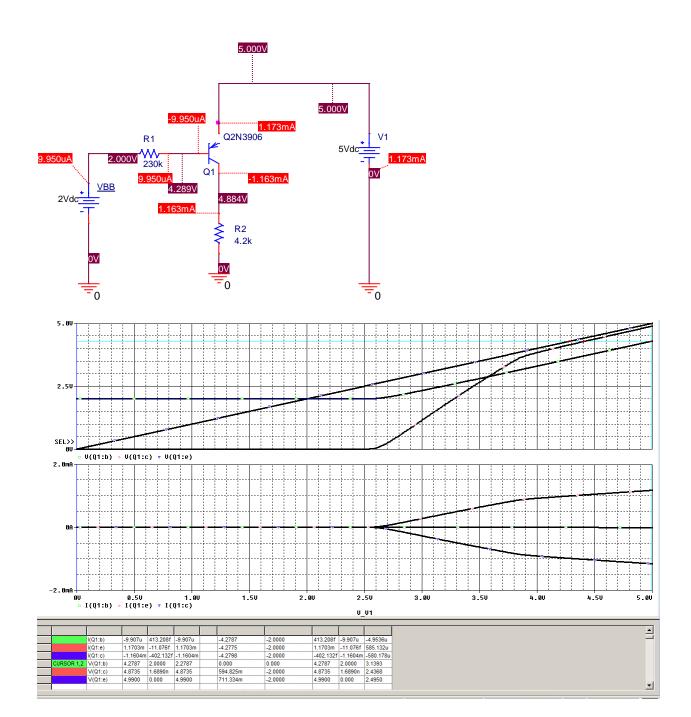


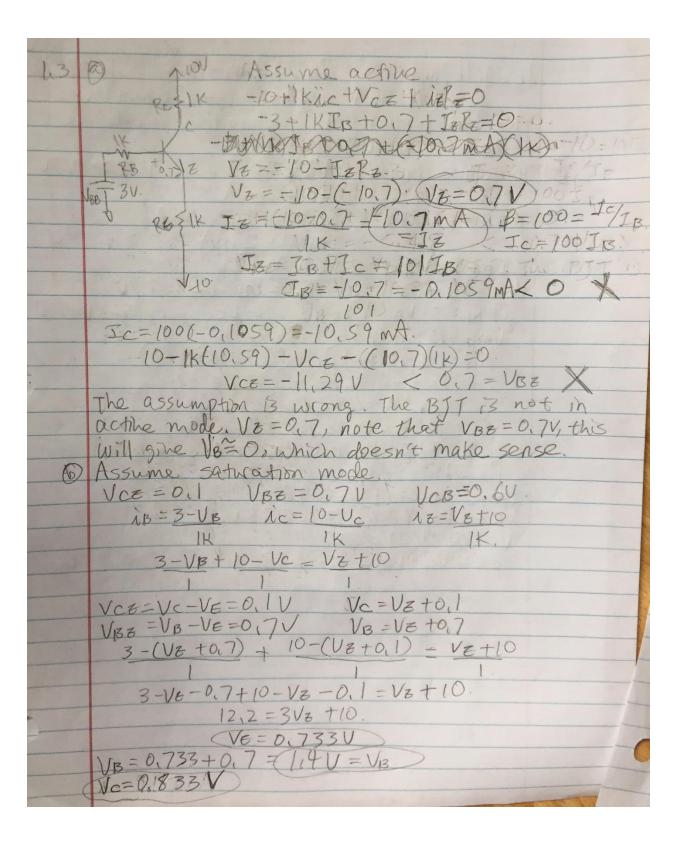
	X Values	9.983	9.939	43.478m	Y1 - Y1(Cursor1)	Y2 - Y2(Cursor2)	Max Y	Min Y	Avg Y
	V(Q1:b)	-7.8593	-7.8933	33.952m	-7.8594	-7.8934	-7.8593	-7.8933	-7.8763
	V(Q1:c)	-8.4481	-8.4822	34.079m	-8.4482	-8.4823	-8.4481	-8.4822	-8.4652
	V(Q1:e)	-8.5272	-8.5611	33.962m	-8.5272	-8.5612	-8.5272	-8.5611	-8.5441
CURSOR 1,2	I(Q1:b)	78.583u	78.939u	-355.682n	0.000	0.000	78.939u	78.583u	78.761u
	I(Q1:c)	921.388u	921.057u	330.899n	842.804u	842.118u	921.388u	921.057u	921.222u
	I(Q1:e)	-1.0000m	-1.0000m	3.5005n	-1.0786m	-1.0789m	-1.0000m	-1.0000m	-1.0000m

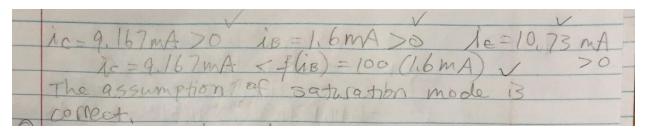


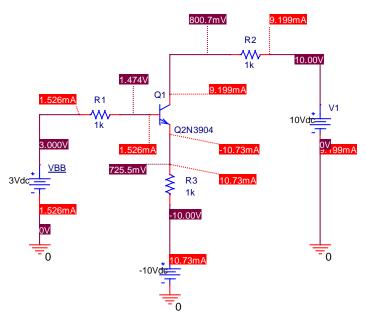


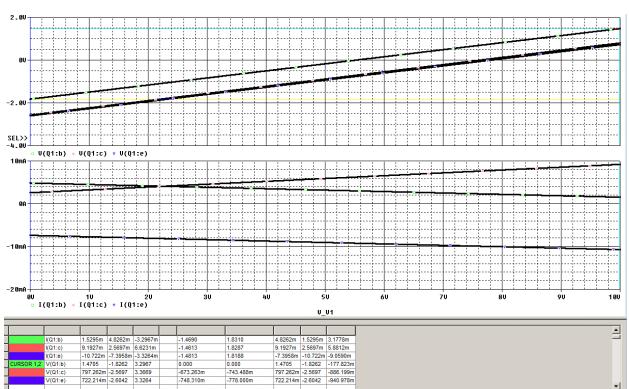












▼

© To active mode, VEZ=0.7 V VCE>0.7 V.

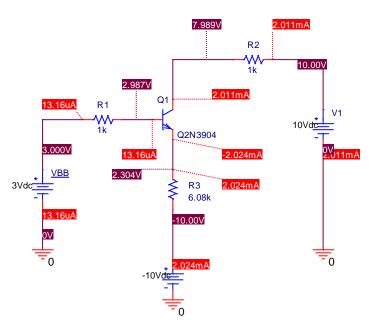
□ C=2mA

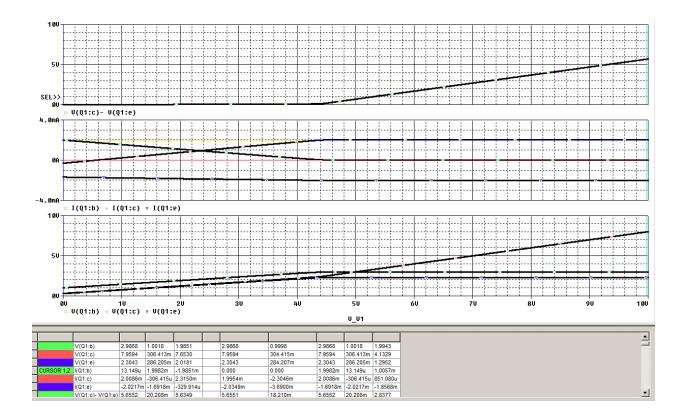
□ C=2mA

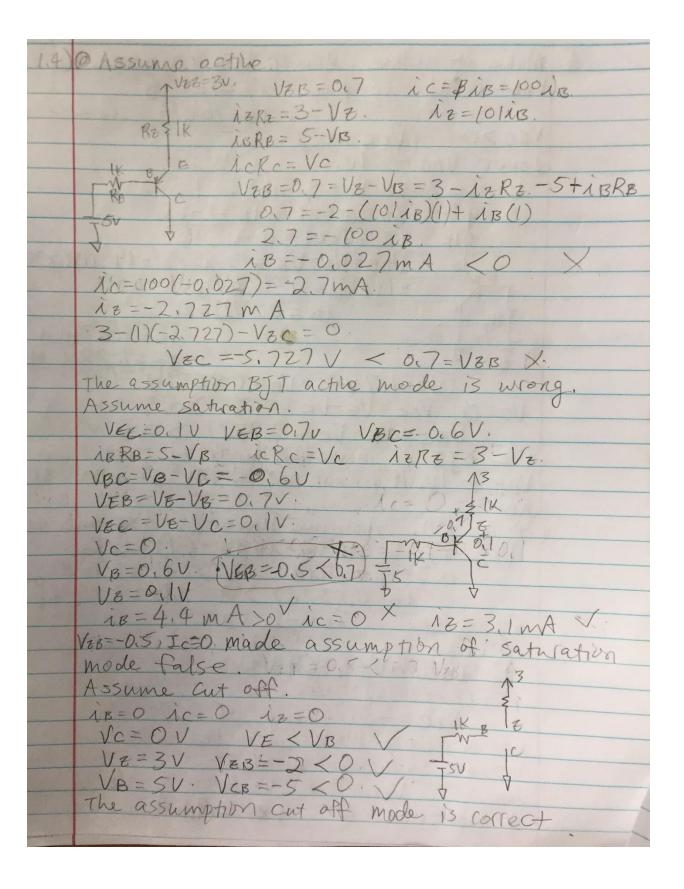
□ C=00 I = 2mA.

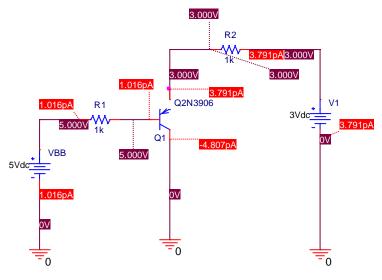
□ I = 0.0 2 mA.

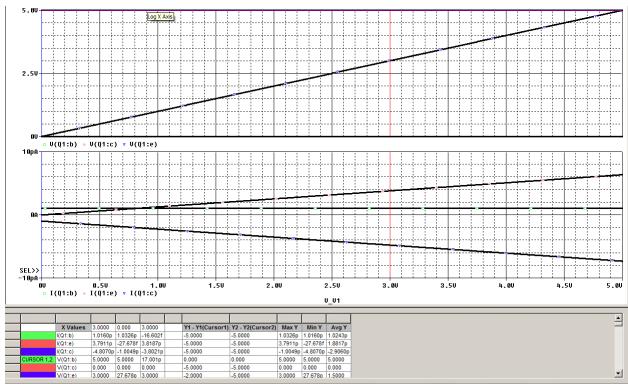
□ I = I











(b) Make it active. Lover VBB & Increase Rb

VEB = 0.7U ic = BiB iz = ictiB

iZ = (0 lib ic = (00)iB

VBC>0 VEC>0.7

Lower VBB > IV.

Lower VBB = 0.7

Lower VB

