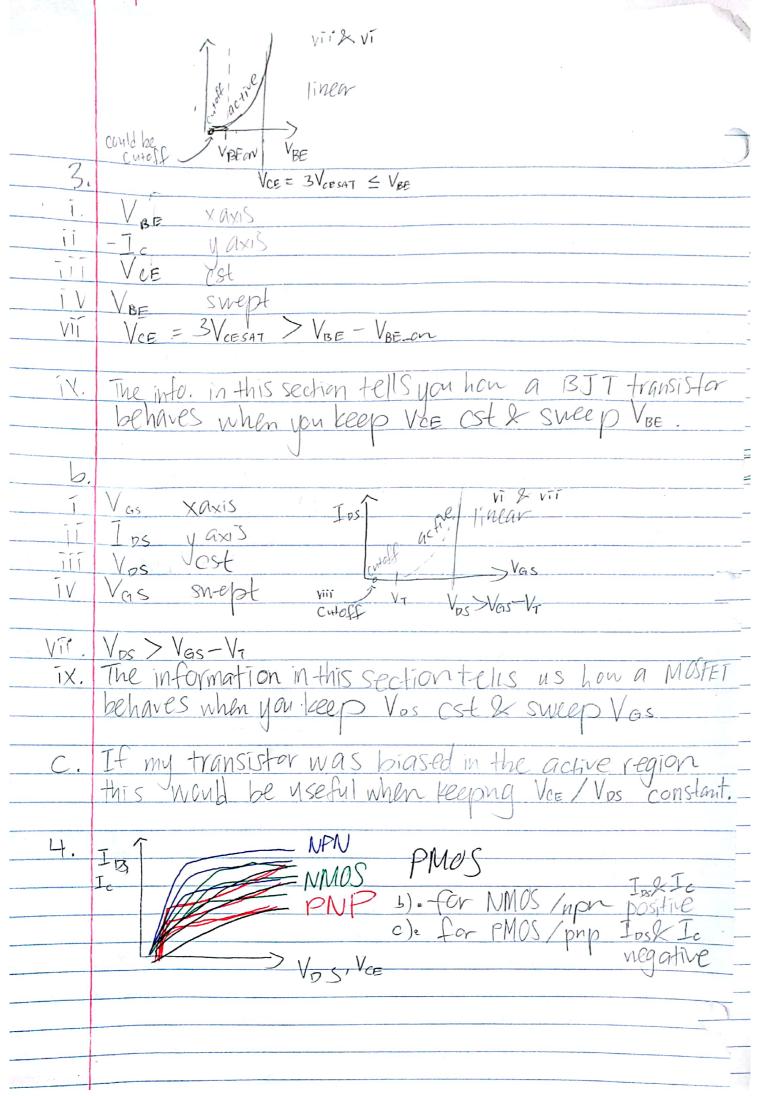
	HW 1 EE307-Tin
1.0	
b.	Smitch
	Adding a capacitar makes it useful for timing info speed, Size, power
	Speed Size Donly
2.	V <sub>LF StT</sub>
97	Viesti Vice -x axs To
11	Viii
. 111	Curoff Con OST
	VOE SWEAT
	VI
VII.	
	Cutoff:  VBE  <  VBEON   > I = 2 OA  active: I = Isp (VBEON)   + VCE  The in Cocondition   VBEON   > I = 2 OA
īX,	The information in this section tells you how a
	transister behaves when you keep VBE ast & sweep VCP
	BJT's J When you keep VBE ast & Sweep VCE
<u> </u>	
	VOS X AXIS IMPAR VOS SONT
	IDS MAXS
ITT	Vas heldest Ins Viti
IV.	VDS SWEDT CUTOFF
0 1	V, VI
Vii,	Tos = 5 W (Vas-VIP)2(1+ 2. Vbs)
1X	the intermation in this section tells usual a a house
<u>( )                                   </u>	beliaves when you keep Vas at & sieno 11
	MOSFETS 2 you keep Vas at & Sweep Vos
C.	If my transister was biased in the active
the state of	Y COI I AW J VIVI O BE O CO LUCIADO AND COLOR
	nappens when you the input current is
7	too low & goes to cutoff.



	5,	Ic = Iste   VOE   VOE	<u>-</u>
(	0. C. d.	inputs VCE, VA VBE, VT NOUTPUT Ic	a
	O. A	Mosfets Los = 生世(Vos - Vrp)2(1+ 2-Vos) active  Vas > Vr ,  Vps > Vos-Vr  active	
	2	In puts Vas, VTP, VDS  Cut put Ic	—
<i>C</i>	5		
	7.		
	-		,