SANTA	CLARA
TINITY	VTIPG

Homework #8 Solutions

1. 4) 0.5mA -V1 V,-V2 = 12R2 V1=V6 V1-V2 V2=VD V6-VD=0.5 0.5mA = 1 40uA 250 (V,-V)20 > V6-V7 => MI saturated 4-2=±5T → V1= 3V => V2= 2.5V R2= 1/43 J2R2 Smaller > stays sat.

R2= 2x = J2R2= IV still saturated.

-1>-2 V

