**반도체소자 측정 및 분석기법 HW 2**

EE

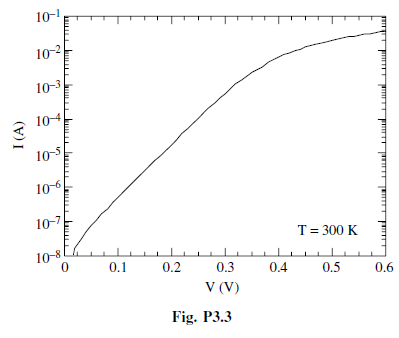
20182327 이종건

**3.3 p.188**

Use device 1’s 2 condition for

Using .

Set , for calculate



Then, the red line equation should be,

At , and

Calculate at , and .

Use device 2’s 2 condition for

The saturation current follows smaller barrier height. Therefore,

**3.13**

The difference of the two curves is increase linearly. Also, n has very small weight to change. Therefore is the answer.

**3.17**

Therefore the slope of the graph is