

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Chapter 11 8.1 Static Characteristics

Base Region Solution

■ Since $\frac{d}{d\xi} \sinh(\xi) = \frac{d}{d\xi} \left(\frac{e^\xi - e^{-\xi}}{2} \right) = \frac{e^\xi + e^{-\xi}}{2} = \cosh(\xi)$

$$I_{cp} = -q_i D_B \left. \frac{d\Delta p_B}{dx} \right|_{x=0}$$

$$= q_i \frac{D_B}{L_B} P_{B0} \left[\frac{\cosh(W/L_B)}{\sinh(W/L_B)} (e^{\beta V_{bi}/kT} - 1) - \frac{1}{\sinh(W/L_B)} (e^{\beta V_{bi}/kT} - 1) \right]$$

$$I_{cp} = -q_i D_B \left. \frac{d\Delta p_B}{dx} \right|_{x=W}$$

$$= q_i \frac{D_B}{L_B} P_{B0} \left[\frac{1}{\sinh(W/L_B)} (e^{\beta V_{bi}/kT} - 1) - \frac{\cosh(W/L_B)}{\sinh(W/L_B)} (e^{\beta V_{bi}/kT} - 1) \right]$$

President University Erwin Setyopul SOP 9/23

[Download PDF version of :
23 Chapter Solution](#)