

**Homework Assignment No. 7**

Due on Wednesday, March 2, 2005

- 1.) Problem P5.17 of the text.
- 2.) Problem P5.18 of the text.
- 3.) Problem P6.1 of the text.

$$[\text{Ans. } R_{ON} = \frac{3V_{DD}}{4I_{D,sat}} = \dots]$$

- 4.) Problem P6.2 of the text.

$$[\text{Answers: } f_{osc} = 5.77\text{GHz}]$$

- 5.) Problem P6.4 of the text.

$$[\text{Answers: a.) } 13C_{eff}W, \text{ b.) } 10C_{eff}W, \dots]$$