

Homework Assignment No. 11Due on Monday, April 5, 2004

Problems in () correspond to the first edition.

- 1.) Problem 18.8 (18.4) of the text.
- 2.) Problem 18.10 (18.6) of the text.
- 3.) Problem 18.15 (18.9) of the text.
- 4.) Problem 18.17 (18.11) of the text.
- 5.) A series-shunt feedback amplifier is shown. Use the methods of feedback analysis to find the numerical values of v_2/v_1 , v_1/i_1 , and v_2/i_2 . Assume that all transistors are matched and that $g_m = 1\text{mS}$ and $r_{ds} = \infty$.

