

Homework Assignment No. 11Due on Wednesday, April 2, 2003

- 1.) Problem 18.4 of the text.
- 2.) Problem 18.6 of the text.
- 3.) Problem 18.9 of the text.
- 4.) Problem 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 $r_{ds} = \infty$.

