

Homework 11 – Due Wednesday April 20

You may talk to one another, you may consult any textbook, and you may talk to me.

1. Read 6.5, 6.6, 7.1, 7.2 of the Parker-Baldrige book, and for each section write down FIVE-to-TEN keywords or sentences, which taken together give a very short summary of the section.
2. Do the odd-number exercises from HW 28 on p. 158, from HW 29 on p. 165, from HW 30 on p. 172, from HW 31 on p. 177.
3. Arithmetic drill:

$$\left[\left(\frac{2}{3} \right)^{-2} \div \left(\frac{2}{3} \right)^{-4} \times \left(-\frac{3}{2} \right) - \frac{1}{3} \right]^3 \div \left[\left(\frac{7}{3} \right)^5 \div \left(\frac{3}{7} \right)^{-6} + \frac{4}{7} \left(\frac{1}{2} \right)^{-3} \right] =$$

4. Parenthesis challenge (use paper-and-pencil, do not use a calculator under any circumstance). Show the steps.

$$\frac{\left(\frac{9}{2} - \frac{7}{4} \right)^2 \div \left\{ \left[\frac{7}{12} + \left(\frac{1}{3} - \frac{1}{5} \right) \times \frac{5}{2} \right] \div \left(\frac{19}{10} - \frac{3}{2} \right) - \frac{11}{12} \right\} - \frac{3}{2}}{\left[\left(\frac{7}{5} - \frac{11}{15} \right) \times \left(\frac{5}{4} - \frac{1}{20} \right) - \left(\frac{1}{4} - \frac{1}{5} \right) \times 4 \right] \div \frac{9}{10}}$$