

Homework 4: Due Monday 10/24/2016 in class

Questions:

For this assignment, complete the following questions in the textbook:

Chapter 4: 4.2, 4.15, 4.27, 4.30, 4.34

NOTE: in the textbook's statement of problem 4.30, " $k_{r2} = k_{r3}$ " at the end is a typo; please ignore it! If you read the chapter, you will see that these two rate constants don't even have the same units, so they cannot possibly be equal. What the problem really wants you to consider is the situation in which the two-body and three-body *recombination (O_2 production) rates are equal*.

Required Reading/Writing:

Finish reading Chapter 4!