1. Rate Expression for Reversible Product-Formation
   Problem 3.2 of the text (pg. 97). Show all steps in the derivation.


   Problem 3.6 of the text. Note: Employ a double reciprocal plot for your solutions, except for part a) only, where you should use both the double reciprocal plot and the Hanes-Woolf plot to obtain the Michaelis-Menten constant and compare answers. Look to Example Problem 3.2 for guidance in answering this problem.

3. Urea Hydrolysis in Ca-alginate beads.

   Problem 3.15 of the text. Addn. hint: use eqn. 3.59 and 3.57c.

Due Mon. 19 Sept., '05