

CHEG 251: Homework Assignment #4

Due: February 16th, 2007

1. **Problem 6-7_B** from Fogler, 4th Edition
2. **Problem 6-12_A** from Fogler, 4th Edition

Honors Supplement:

Survey the research literature, and locate a research paper focused upon membrane reactor operation.

Write a one paragraph summary of the paper you've selected: What was the reaction studied? What type of reactor model did the authors use? (PFR, PBR, CSTR, Batch?). What type of membrane was used, and why? What new things did you learn from this exercise?

The Library Website provides access to multiple databases of scientific journals – I recommend using INSPEC or Web of Science.