

CE 329 Fall 2015
MATLAB Assignment 4

The purpose of this assignment is to ensure that you know how to solve a set of mixed boundary ordinary differential equations representing an axial flow reactor with axial dispersion using MATLAB. You are strongly encouraged to do this either by modifying the template file SolvBVDif.m or by modifying the code from Example 33.1, from AFCoKaRE. The equations you will solve are the same as those that need to be solved for regular homework Assignment 32.

The file you submit, when executed, should produce a plot like that shown in Figure 1 of Example 33.1 except for a second order reaction as described in Assignment 32.