# CHEN3600 – Computer-Aided Chemical Engineering Spring 2012

# Chemical Engineering Department HW 2

**T.D. Placek Auburn University**

**HW 2 – Solving Lab2 using fsolve**

Using the equations provided in the Lab2SOLN document and employing the same type of programming logic provided in the “Solving Lab2 with fsolve” document, complete the solution of the “ladders in the alley” problem.

Once you have a solution, copy and paste your function and MATLAB commands into a word document for submission.

Also, develop values for the first ladder having lengths of 10 to 15 feet and prepare a plot of the associated w value for each ladder length. You must label the x- and y-axes and title your graph with your email-id and assignment name. This will be the same as the docx file name without the file extension.

Copy and paste this graph into your file as well.

The format for the file should be the short technical report format (see link in course schedule).

Turn in a hardcopy as well as emailing the assignment.

(You do not need to follow the departmental homework format on assignments such as this).