

Homework Format

Submitted homework must adhere to the following requirements:

1. Homework must be on engineering paper or consist of a computer printout.
2. Use the following steps:
 - a. Given: After carefully reading the problem, concisely summarize what is known about the problem.
 - b. Find: Briefly state what must be found.
 - c. Schematic: Draw a schematic of the physical system. A straight edge or technical drawing is not required as long as the resulting sketch is neat. Indicate the control surface by dashed lines on the schematic.
 - d. Assumptions: List all pertinent and simplifying assumptions.
 - e. Properties: Compile property values needed for subsequent calculations and identify the source from which they came.
 - f. Solution: Develop an analysis as completely as possible before substituting numerical values.
 - i. Use arrows or other means to convey where information came from, if it is not obvious.
 - ii. Place a “box” around all final answers.
 - iii. If a spreadsheet program is used, the equations used in the spreadsheet must be shown.

The importance of following steps 2-a through 2-d should not be underestimated. They provide a useful guide to thinking about a problem before affecting its solution.