Lab 7 Report Requirements

Prepare a full, typewritten report following the format used in Lab 6. Include all calculations, diagrams and plots as appendices to the report itself. In addition to the problems assigned in the lab handout, comment on the design rationale (steel vs. aluminum) of the rigid bar in part B of the direct tension test portion of the lab.

*Note* Part C, question 3 (Von Mises’ yield criterion) of the direct tension test portion of the lab may be omitted. If, however, you attempt the problem, and answer it correctly, you will be awarded bonus points.

This lab will be due during your assigned lab period on December 14th.