

ME 486 – Aerospace Structures & Materials
Final Exam - Closed Book - Spring 2011

To receive partial credit, solutions must be legible, organized, and demonstrate a clear path to the problem solution.

1. What is the meaning of the shear section of a given cross-section? (5 points)
2. For the cross-section shown below with constant thickness, t , determine the length, b , such that the shear center is located at point O. All segments are of length a . (25 points)

