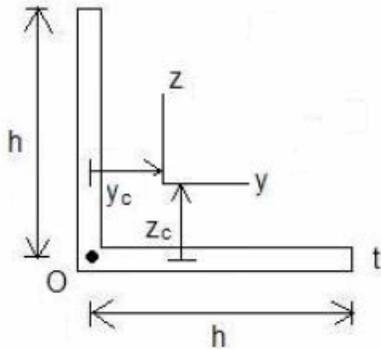


## EAS4200C Aerospace Structures Homework #7 (Due: Oct. 30th)

1. A uniform beam of a thin-walled angle section as shown in the figure is subjected to the bending moment  $M_y$  ( $M_z = 0$ ). Find the neutral axis and bending stress distribution over the cross-section.



2. The stringer-web sections shown in the figures are subjected to bending moment  $M_y$  ( $M_z = 0$ ). Find the bending stress in the stringers. Which section is most effective in bending?

