

CVEN 221 Honors – Homework #16

- 1) Make a simple spreadsheet that can be used to tabulate and calculate the x , y , and z coordinates of the centroid of a three dimensional object given the bodies that create the composite shape. This table should follow the format detailed in class and on the lecture videos (i.e. a column for volume, \bar{x} , $\bar{x} \cdot \text{volume}$, etc.). You may check your program by solving the various applicable problems given by McGraw-Hill Connect.