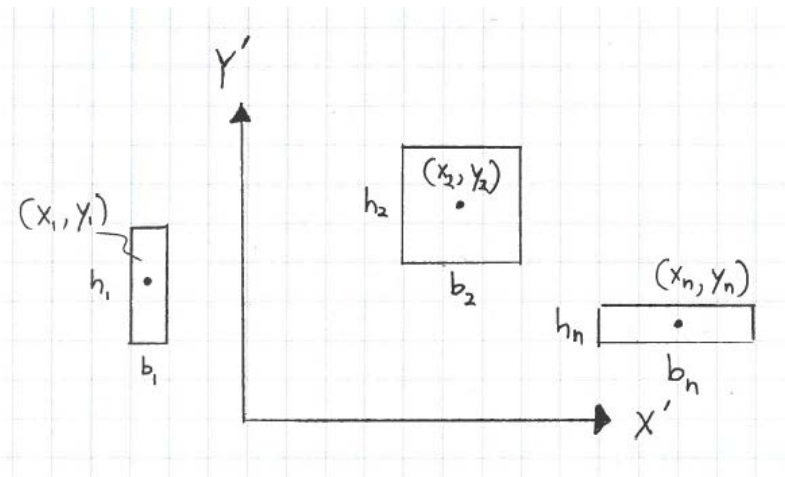


CVEN 221 Honors – Homework #25 and 26

This program applies to the following problems:

- Homework 25: Problems 1 and 2
- Homework 26: Problems 3, 4, 7, and 8.

Create a program or spreadsheet that applies the parallel axis theorem to determine the total moment of inertia about a given axis, $X'Y'$, for n rectangular shapes. In addition, determine the total moment of inertia about the centroid of the composite shapes. Note these may be the same as part 1 depending how $X'Y'$ is selected.



You may check your program by solving the problems given by McGraw-Hill Connect.