

Please read for Thomas' Calculus, chapter 16, section 1, pages 1143 through 1145. You may skip the subsection on mass and moments if you wish.

Make notes on the material, rewritten using vector notation (that is, $\langle 2, 3, 5 \rangle$ instead of $2\vec{i} + 3\vec{j} + 5\vec{k}$).

The book says, in the second sentence on page 1144, "a theorem from advanced calculus says ...". Do can you see how to construct the integral so that we avoid this "theorem"?

Do exercises §8.1 # 1 - 8, 9, 11, 12, 20

Ask yourself how well you understand this material, and respond on the correct Google form. This section should be relatively easy; please let me know if you agree.

Good luck to all.