

PHYSICS 331 ADVANCED CLASSICAL MECHANICS
Problem Set 29

Task 1

Read Problems 4 and 26 of Taylor's chapter 10 and convince yourself of these results.

Problem 2

Taylor: Chapter 10, Problem 12.

Problem 3

Taylor: Chapter 10, Problem 19.

Problem 4

Taylor: Chapter 10, Problem 21.

Problem 5

Thornton and Marion: Chapter 11, Problem 4.

Task 6

Work through and confirm the results in Example 10.3 of Taylor, i.e., the inertia tensor for a solid cone.

Other Things

Read Taylor's chapter 10, section 10.4 – 10.6. Please remember to submit your journal entry.