

PHY101 HW #10
Due Friday, 3/15/08 @ 5pm
Gamma Functions, Asymptotics, and Steepest Descents

Reading

Read Chapter 11 of Boas. Our focus this week in class will be on the Gamma Function and related functions, as well as Asymptotic Series.

Problems From Boas Chapter 11:

Section 3, page 539-540: problems 5, 11

Section 5, page 542: problems 5, 6

Section 6, page 543: problem 1

Section 10, page 551-552: problem 2

Section 11, page 553-554: problems 5, 10

Section 13, page 560-561: problems 3, 4