

Phy 523,Intermediate Mechanics 2 ,Fall 2006

Instructor : A.P.Balachandran ,Room 313 PB, X3469.

Text books:

Required: *Classical Dynamics of Particles and Fields* by S.T.Thornton and J.B.Marion, 5th Edition.

Recommended:*Analytical Mechanics* by G.R.Fowles and G.L.Cassiday, 6th Edition.

Outline of Chapters to be Covered

6,7,8,11,12,4.

Remarks

I do not want to allocate a fixed number of hours to topics.Time spent on each topic will be adjusted according to comprehension.

There will be a mid-term and a final exam. Dates and times will be announced in class.

Grades will be based on regularly given homeworks and the exams.Equal weight will be given to all problems including those in the exams.

Regular submission of homeworks is thus essential.