

Physics B3: Astrophysics

Stellar Structure and Evolution

Finals' Paper:

- Exam material is the material covered in the main part of the lectures and has not been marked as *supplementary* (i.e. not the appendices; e.g. star formation; details of the solar neutrino problem).
- Questions will relate to this part or material covered in the problems on the problem set.
- At least one question will be exclusively on the cosmology part of B3, one on the stellar part, the other two may (but need not) mix material from the two courses.
- For additional practice problems, you may also want to look at some of the stellar problems of the old Astrophysics Major Option or the old Observational Cosmology short option (though problems in B3 will generally be easier).
- Other useful reference: Chapter 35 (Stars) of “Concepts in Thermal Physics”, Blundell & Blundell (OUP) (main A1 textbook)