Chapter 1

METHODS

Explain shortly what MESA is.

1.1 Modules for Experiments in Stellar Astrophysics

Write 2-3 pages of the MESA basics and how it works (Newton iterations etc). Consider possible subsections

1.2 Physical assumptions

Mention which physical assumptions we used

1.2.1 Single stars

For single helium stars

1.2.2 Binary systems

For the binary systems