

Problem Bank — Astronomy

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01 The Sky

- 01-01 **Introduction**
- 01-02 **The Sky and Its Motion**
- 01-03 **Cycles of the Sky**
- 01-04 **The Origin of Modern Astronomy**
- 01-05 **Gravitation** [] (see physics chapter 14)
- 01-06 **Radiation and Spectra**
- 01-07 **Astronomical Instruments**

02 The Stars

- 02-01 **Starlight**
- 02-02 **The Sun**
- 02-03 **The Family of Stars**
- 02-04 **Celestial Distances**
- 02-05 **Gas and Dust in Space**
- 02-06 **Formation and Structure of Stars**
- 02-07 **Evolution of Stars**
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- 02-09 **Neutron Stars and Black Holes**

03 The Galaxies

- 03-01 **The Milky Way Galaxy**
- 03-02 **Galaxies**
- 03-03 **Active Galaxies, Quasars, Giant Black Holes**
- 03-04 **Cosmology**
- 03-05 **Evolution, Distribution of Galaxies**

04 The Solar System

- 04-01 **Origin of the Solar System**
- 04-02 **Earth, the Terrestrial Planets, and the Moon**
- 04-03 **The Large Planets**
- 04-04 **Rings, Moons and Pluto**
- 04-05 **Asteroids, Comets and Meteors**
- 04-99 **Associated problems in Chapter 04**

05 The Universe

- 05-01 **The Big Bang**
- 05-02 **Life in the Universe**