

CHAPTER OVERVIEW

4: Moving Through Space

Chapter 4 discusses how objects in the Universe move. First, the chapter explores the relationship among distance, speed, and time and the concept of lookback time. Next, you will learn how to measure the Doppler Shift and use it to determine the velocities of moving objects. The motions of astronomical objects – their rotations and orbits – are also discussed.

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[4.1: Relationship Between Distance, Speed, and Time](#)

[4.2: Measuring Motion - the Doppler Shift](#)

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