

Introduction to Cosmology

Barbara Ryden
First Edition

Pearson New International Edition

Pearson New International Edition

Introduction to Cosmology

Barbara Ryden
First Edition

PEARSON®

Introduction to Cosmology, Pearson New International Edition

Table of Contents

Cover

Table of Contents

Table of Useful Constants

1. Introduction

2. Fundamental Observations

3. Newton Versus Einstein

4. Cosmic Dynamics

5. Single-Component Universes

6. Multiple-Component Universes

7. Measuring Cosmological Parameters

8. The Cosmic Microwave Background

9. Dark Matter

10. Nucleosynthesis and the Early Universe

11. Inflation and the Very Early Universe

12. The Formation of Structure

13. Epilogue

Annotated Bibliography

Index