

<<宇宙学>>

图书基本信息

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## 内容概要

this second edition of cosmology: the science of the universe revises and extends the first edition published in 1981. much has happened since the first edition; many developments have occurred, and cosmology has become a wider field of research.

as before, the treatment is elementary yet broad in scope, and the aim is to present an outline that appeals to the thoughtful person at a level not requiring an advanced knowledge in the natural sciences. cosmology has many faces, scientific and nonscientific; in this work the primary emphasis is on cosmology as a science, but the important historical, philosophical, and theological aspects are not ignored. mathematics is avoided except in a few places, mostly at the end of chapters, and the treatment is varied enough to meet the needs of both those who enjoy and do not enjoy mathematics.

at the end of each chapter are two sections entitled reflections and projects. the reflections section presents topics for reflection and discussion. the projects section raises questions and issues that a challenged reader might care to tackle. cosmology impels us to ask deep questions, read widely, and think deeply. it is not the sort of subject that lends itself readily to simple yes and no answers. on most issues there are conflicting arguments to be investigated, weighed, rejected, accepted, or modified according to one's personal tastes and beliefs. cosmology challenges the mind, shapes our way of thinking about the world in which we live, and leaves impressions and ideas that last a lifetime.

## 书籍目录

preface

introduction

part 1

1 what is cosmology?

the universe

cosmology

the magic universe

the mythic universe

the anthropometric universe

cosmology and society

reflections

projects

further reading

sources

2 early scientific cosmology

the beginning of western science

plato's universe

three cosmic systems of the ancient world

the aristotelian universe

the epicurean universe

the stoic universe

the mystery religions

the medieval universe

the heliocentric universe

the infinite universe

reflections

projects

further reading

sources

3 cartesian and newtonian world systems

the decline of aristotelian science

the cartesian world system

the newtonian world system

newton and the infinite universe

the atomic theory

reflections

projects

further reading

sources

4 cosmology after newton and before einstein

hierarchical universes

the nebula hypothesis

cosmical islands

the new astronomy

the victorian universe

<<宇宙学>>

the age problem  
fall of the victorian universe  
reflections  
projects  
further reading  
sources

5 stars

the distant stars  
a forest of stars  
inside the stars  
nuclear energy  
birth of stars  
the star is dead! long live the star!  
reflections  
projects  
further reading  
sources

6 galaxies

our galaxy  
the distant galaxies  
birth of galaxies  
radio galaxies and quasars  
reflections  
projects  
further reading  
sources

7 location and the cosmic center

the location principle  
the isotropic universe  
the cosmological principle  
perfect cosmological principle  
reflections  
projects  
further reading  
sources

8 containment and the cosmic edge

the containment principle  
the cosmic edge  
containment of space and time  
design argument  
many physical universes  
theistic and anthropic principles  
whither the laws of nature?  
containment riddle  
reflections  
projects  
further reading

<<宇宙学>>

sources

9 space and time

space

space and time

time

the "now"

time travel

atomic time

reflections

projects

further reading

?sources

part 2

part 3

appendix - fundamental quantities

index

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