

图书基本信息

书名：<<星系中黑洞的形成与演化FORMATION AND EVOLUTION OF BLACK HOLES IN THE GALAXY>>

13位ISBN编号：9789812382115

10位ISBN编号：9812382119

出版时间：2000-12

出版人：Aspen Publishers

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页数：506

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内容概要

In published papers H A Bethe and G E Brown worked out the collapse of large stars and supernova explosions. They went on to evolve binaries of compact stars, finding that in the standard scenario the first formed neutron star always went into a black hole in common envelope evolution. C J Lee joined them in the study of black hole binaries and gamma ray bursts. They found the black holes to be the fossils of the gamma ray bursts. From their properties they could reconstruct features of the burst and of the accompanying hypernova explosions. This invaluable book contains 23 papers on astrophysics, chiefly on compact objects, written over 23 years. The papers are accompanied by illuminating commentary. In addition there is an appendix on kaon condensation which the editors believe to be relevant to the equation of state in neutron stars, and to explain why black holes are formed at relatively low masses.

书籍目录

PrefaceChapter 1 Equation of State in the Gravitational Collapse of StarsChapter 2 How a Supernova ExplodesChapter 3 Accretion onto and Radiation from the Compact Objects Formed in SN 1987AChapter 4 A Scenario for a Large Number of Low-Mass Black Holes in the GalaxyChapter 5 Neutron Star Accretion and Binary Pulsar FormationChapter 6 How Collapsing Stars Might Hide Their Tracks in Black HolesChapter 7 Mystery of the Missing StarChapter 8 Observational Constraints on the Maximum Neutron Star MassChapter 9 On the Formation of Low-Mass Black Holes in Massive Binary StarsChapter 10 The Evolution of Relativistic Binary PulsarsChapter 11 Supernova Explosions, Black Holes and Nucleon StarsChapter 12 Evolution of Binary Compact Objects That MergeChapter 13 Contribution of High-Mass Black Holes to Mergers of Compact BinariesChapter 14 The Formation of High-Mass Black Holes in Low-Mass X-Ray BinariesChapter 15 Evolution of Black Holes in the GalaxyChapter 16 The Blandford-Znajek Process as a Central Engine for a Gamma-Ray BurstChapter 17 A Theory of Gamma-Ray BurstsChapter 18 Hypercritical Advection-Dominated Accretion FlowChapter 19 Evolution of Neutron Star, Carbon-Oxygen White Dwarf BinariesChapter 20 Formation and Evolution of Black Hole X-Ray Transient SystemsChapter 21 Formation of High-Mass X-Ray Black Hole BinariesChapter 22 Broad and Shifted Iron-Group Emission Lines in Gamma-Ray Bursts as Tests of the Hypernova ScenarioChapter 23 Discovery of a Black Hole Mass-Period Correlation in Soft X-Ray Transients and Its Implication for Gamma-Ray Burst and Hypernova MechanismsCommentary on Appendices A-D Appendix A Kaon Condensation in Dense Stellar Matter Appendix B Kaon Production in Heavy-Ion Collisions and Maximum Mass of Neutron Stars Appendix C K^-/K^+ Ratios in Relativistic Heavy-Ion Collisions Appendix D Strangeness Equilibration at GSI EnergiesBibliography

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