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very fast indeed Big History courses are taught in the schools and universities of several dozen countries Hundreds of researchers are involved in studying and teaching Big History The unique approach of Big History the interdisciplinary genre of history that deals with the grand narrative of 13.8 billion years has opened up a vast amount of research agendas Big History brings together constantly updated information from the scientific disciplines and merges it with the contemplative realms of philosophy and the humanities It also provides a connection between the past present and future Big History is a colossal and extremely heterogeneous field of research encompassing all the forms of existence and all timescales Unsurprisingly Big History may be presented in very different aspects and facets In this volume the Big History is presented and discussed in three different ways In its first part Big History is explored in terms of methodology theories of knowledge as well as showcasing the personal approach of scholars to Big History The second section comprises such articles that could clarify Big History's main trends and laws The third part of this book explores the nature of teaching Big History as well as profiling a number of educational methods This volume will be useful both for those who study interdisciplinary macroproblems and for specialists working in focused directions as well as for those who are interested in evolutionary issues of Astrophysics Geology Biology History Anthropology Linguistics and other areas of study More than that this edition will challenge and excite your vision of your own life and the exciting new discoveries going on around us *Exploring the Universe with the IUE Satellite* Y. Kondo, Willem Wamsteker, A. Boggess, M. Grewing, C. de Jager, A.L. Lane, Jeffrey L. Linsky, R. Wilson, 2013-12-11 This book was conceived to commemorate the continuing success of the guest observer program for the International Ultraviolet Explorer IUE satellite observatory It is also hoped that this volume will serve as a useful tutorial for those pursuing research in related fields with future space observatories As the IUE has been the product of the three way collaboration between the U.S. National Aeronautics and Space Administration NASA European Space Agency ESA and the British Engineering and Research Council SERC so is this book the fruit of the collaboration of the American and European participants in the IUE As such it is a testimony to timely international cooperation and sharing of resources that open up new possibilities The IUE spacecraft was launched on the 26th of January in 1978 into a geosynchronous orbit over the Atlantic Ocean The scientific operations of the IUE are performed for 16 hours a day from Goddard Space Flight Center in Greenbelt Maryland U.S.A and for 8 hours a day from ESA Villafranca Satellite Tracking Station near Madrid Spain

Exploring the Unknown: An Intergalactic Expedition of Space and Astronomy Mecha Summarizer, 2023-04-14 Take an extraordinary voyage with *Exploring the Unknown* and explore the tremendous expanse of space as well as astronomy With this book readers can gain a comprehensive insight into our universe from the earliest astronomical discoveries to today's technological advancements in space exploration Along this journey you will uncover remarkable revelations about our fascinating cosmos From the beginning of space exploration to discoveries this book offers an in depth look at the brave pioneers who first left Earth's atmosphere and their incredible journeys It delves deeper into our solar

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Exploring the Universe: A Laboratory Guide for Astronomy Mike D. Reynolds, Michael E. Bakich, 2015-01-01 Astronomy is a fun and challenging science for students This manual is intended for one and two semester astronomy courses and uses hands on engaging activities to get students looking at the sky and developing a lifelong interest in astronomy

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