1. Record Nr. UNINA9910960264703321 Autore Ball Andrew J (Andrew Jonathan), <1972-> Titolo Planetary landers and entry probes / / Andrew J. Ball [and others] Cambridge:,: Cambridge University Press,, 2007 Pubbl/distr/stampa **ISBN** 1-107-15946-6 1-280-90937-4 9786610909377 0-511-28615-5 0-511-28541-8 0-511-28381-4 0-511-32084-1 0-511-53605-4 0-511-28461-6 Edizione [1st ed.] 1 online resource (xxi, 340 pages) : digital, PDF file(s) Descrizione fisica Disciplina 629.046 Soggetti Roving vehicles (Astronautics) Space probes Space vehicles - Design and construction Space vehicles - Control systems Planets - Exploration Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Title from publisher's bibliographic system (viewed on 05 Oct 2015). Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Preface; Acknowledgements; Part I. Engineering Issues Specific to Entry Probes, Landers or Penetrators: 1. Mission goals and system engineering; 2. Accomodation, launch, cruise and arrival from orbit or interplanetary trajectory; 3. Entering atmospheres; 4. Descent through an atmosphere; 5. Descent to an airless body; 6. Planetary balloons, aircraft, submarines and cryobots; 7. Arrival at a surface; 8. Thermal control of landers and entry probes; 9. Power systems; 10. Communication and tracking of entry probes; 11. Radiation environment; 12. Surface activities: arms, drills, moles and mobility; 13. Structures; 14. Contamination of spacecraft and planets; Part II.

Previous Atmosphere/Surface Vehicles and Their Payloads: 15.

Destructive impact probes; 16. Atmospheric entry probes; 17. Pod landers; 18. Legged landers; 19. Payload delivery penetrators; 20. Small body surface missions; Part III. 'Case Studies': 21. Surveyor landers; 22. Galileo probe; 23. Huygens; 24. Mars Pathfinder and Sojourner; 25. Deep Space 2 Mars microprobes; 26. Rosetta lander Philae; 27. Mars exploration rovers: Spirit and Opportunity; Appendix: Some key parameters for bodies in the Solar System; List of acronyms; Bibliography; References; Index.

Sommario/riassunto

This book provides a concise but broad overview of the engineering, science and flight history of planetary landers and atmospheric entry probes designed to explore the atmospheres and surfaces of other planets. It covers engineering aspects specific to such vehicles which are not usually treated in traditional spacecraft engineering texts. Examples are drawn from over thirty different lander and entry probe designs that have been used for lunar and planetary missions since the early 1960s. The authors provide detailed illustrations of many vehicle designs from different international space programs, and give basic information on their missions and payloads, irrespective of the mission's success or failure. Several missions are discussed in more detail to demonstrate the broad range of the challenges involved and the solutions implemented. This will form an important reference for professionals, academic researchers and graduate students involved in planetary science, aerospace engineering and space mission development.

2. Record Nr. UNINA9910972060403321 Autore Morris Helen Titolo ITIL foundation exam study guide / / Helen Morris, Liz Gallacher Pubbl/distr/stampa Chichester, U.K., : Wiley, 2012 **ISBN** 1-119-94364-7 1-283-57136-6 9786613883810 1-119-94363-9 Edizione [1st edition] Descrizione fisica 1 online resource (410 p.) Altri autori (Persone) GallacherLiz 004.068 Disciplina 658.05 Information technology - Management - Examinations Soggetti Information technology projects - Management - Examinations Electronic data processing personnel - Certification Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. ""ITILA® Foundation Exam Study Guide""; ""Copyright""; Nota di contenuto ""Acknowledgments""; ""About the Authors""; ""Contents""; ""Introduction""; ""How to Contact the Authors""; ""ITIL Foundation Exam Objectives""; ""Unit 1: Service Management as a Practice""; ""Unit 2: The ITIL Service Lifecycle""; ""Unit 3: Generic Concepts and Definitions""; ""Unit 4: Key Principles and Models""; ""Unit 5: Processes""; ""Unit 6: Functions""; ""Unit 7: Roles""; ""Unit 8: Technology and Architecture""; ""Unit 9: Competence and Training""; ""Unit 10: Mock Exam""; ""Assessment Test"": ""Answers to Assessment Test"" ""Chapter 1: Service Management as a Practice""""Best-Practice Approaches and ITIL""; ""Why Is ITIL So Successful?""; ""Services, Customers, and Stakeholders""; ""Identifying Types of Service""; ""Understanding the Customer, Internal and External""; ""Differentiating Between Internal and External Services""; ""Who Are the Stakeholders in Service Management?""; ""Understanding the Concepts of Service Management and IT Service Management""; ""Service Management""; ""IT Service Management""; ""IT Service Provider Types""; ""Understanding

Processes and Functions""

""Processes in the Service Lifecycle"""The Process Model""; ""Process Characteristics""; ""Organizing for Service Management""; ""Introducing the Service Lifecycle""; ""Summary""; ""Exam Essentials""; ""Review Questions""; ""Chapter 2: Understanding Service Strategy""; ""Understanding the Service Strategy Stage""; ""Purpose and Objectives of Service Strategy""; ""Setting the Scope for Service Strategy""; ""What Value Does Service Strategy Provide to the Business?""; ""Demonstrating the Value of Services""; ""Understanding Key Concepts of Service Strategy""

""Utility and Warranty in Value Creation"""Assets, Resources, and Capabilities""; ""Governance and Its Place in the Lifecycle""; ""Management of Risk in Service Management""; ""Understanding Patterns of Business Activity""; ""Summary""; ""Exam Essentials""; ""Review Questions""; ""Chapter 3: Service Strategy Processes""; ""Understanding Service Portfolio Management""; ""Purpose of SPM""; ""Objectives of SPM""; ""Scope of SPM""; ""The Service Portfolio""; ""Understanding the Financial Management Process""; ""Purpose of Financial Management""; ""Objectives of Financial Management"" ""Scope of Financial Management"""Preparing and Using a Business Case""; ""Understanding the Business Relationship Management Process""; ""Purpose of the BPM Process""; ""Objectives of the BPM Process""; ""Scope of the BPM Process""; ""Summary""; ""Exam Essentials""; ""Review Questions""; ""Chapter 4: Understanding Service Design"": ""Understanding the Purpose, Objectives, and Scope for Service Design""; ""The Purpose of Service Design""; ""The Objectives of Service Design""; ""The Scope of Service Design""; ""The Value Service Design Provides to the Business""; ""Describing the Service"" ""Four Key Elements of Service Design""

Sommario/riassunto

Everything you need to prepare for the ITIL exam - Accredited to 2011 syllabus The ITIL (Information Technology Infrastructure Library) exam is the ultimate certification for IT service management. This essential resource is a complete guide to preparing for the ITIL Foundation exam and includes everything you need for success. Organized around the ITIL Foundation (2011) syllabus, the study guide addresses the ITIL Service Lifecycles, the ITIL processes, roles, and functions, and also thoroughly explains how the Service Lifecycle provides effective and efficient IT services. Offers an intro