

1. Record Nr.	UNISALENTO991002726859707536
Autore	Koestler, Arthur
Titolo	Il fantasma dentro la macchina / Arthur Koestler
Pubbl/distr/stampa	Torino : Società editrice internazionale, 1971
Descrizione fisica	492 p. : ill. ; 20 cm.
Collana	Il periplo
Altri autori (Persone)	Musso, Valentino
Disciplina	128
Soggetti	Uomo
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Trad. V. Musso Tit. orig.: The ghost in the machine

2. Record Nr.	UNINA9910783936803321
Autore	Griffin Michael D (Michael Douglas), <1949->
Titolo	Space vehicle design [[electronic resource] /] / Michael D. Griffin, James R. French
Pubbl/distr/stampa	Reston, Va., : American Institute of Aeronautics and Astronautics, Inc., c2004
ISBN	1-60086-112-1 1-60119-202-9
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (678 p.)
Collana	AIAA education series
Altri autori (Persone)	FrenchJames R
Disciplina	629.47
Soggetti	Space vehicles - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Copyright; Title; Foreword to the Previous Edition; Table of Contents; Preface; Preface to the Previous Edition; Chapter 1 Introduction; 1.1 Introduction; 1.2 Systems Engineering Process; 1.3 Requirements and Tradeoffs; Bibliography; Chapter 2 Mission Design; 2.1 Introduction; 2.2 Low Earth Orbit; 2.3 Medium-Altitude Earth Orbit; 2.4 Geosynchronous Earth Orbit; 2.5 Lunar and Deep Space Missions; 2.6 Advanced Mission Concepts; Bibliography; Chapter 3 Spacecraft Environment; 3.1 Introduction; 3.2 Earth Environment; 3.3 Launch Environment; 3.4 Atmospheric Environment 3.5 Space and Upper Atmosphere EnvironmentReferences; Problems; Chapter 4 Astrodynamics; 4.1 Introduction; 4.2 Fundamentals of Orbital Mechanics; 4.3 Non-Keplerian Motion; 4.4 Basic Orbital Maneuvers; 4.5 Interplanetary Transfer; 4.6 Perturbation Methods; 4.7 Orbital Rendezvous; References; Problems; Chapter 5 Propulsion; 5.1 Rocket Propulsion Fundamentals; 5.2 Ascent Flight Mechanics; 5.3 Launch Vehicle Selection; References; Problems; Chapter 6 Atmospheric Entry; 6.1 Introduction; 6.2 Fundamentals of Entry Flight Mechanics; 6.3 Fundamentals of Entry Heating; 6.4 Entry Vehicle Designs 6.5 Aeroassisted Orbit TransferReferences; Bibliography; Problems; Chapter 7 Attitude Determination and Control; 7.1 Introduction; 7.2 Basic Concepts and Terminology; 7.3 Review of Rotational Dynamics; 7.4 Rigid Body Dynamics; 7.5 Space Vehicle Disturbance Torques; 7.6

Passive Attitude Control; 7.7 Active Control; 7.8 Attitude Determination; 7.9 System Design Considerations; References; Problems; Chapter 8 Configuration and Structural Design; 8.1 Introduction; 8.2 Design Drivers; 8.3 Spacecraft Design Concepts; 8.4 Mass Properties; 8.5 Structural Loads; 8.6 Large Structures; 8.7 Materials  
References  
Chapter 9 Thermal Control; 9.1 Introduction; 9.2 Spacecraft Thermal Environment; 9.3 Thermal Control Methods; 9.4 Heat Transfer Mechanisms; 9.5 Spacecraft Thermal Modeling and Analysis; References; Problems; Chapter 10 Power Systems; 10.1 Introduction; 10.2 Power System Functions; 10.3 Power System Evolution; 10.4 Power System Design Drivers; 10.5 Power System Elements; 10.6 Design Practice; 10.7 Batteries; 10.8 Primary Power Source; 10.9 Solar Arrays; 10.10 Radioisotope Thermoelectric Generators; 10.11 Fuel Cells; 10.12 Power Conditioning and Control; 10.13 Future Concepts  
References  
Problems; Chapter 11 Telecommunications; 11.1 Introduction; 11.2 Command Subsystem; 11.3 Hardware Redundancy; 11.4 Autonomy; 11.5 Command Subsystem Elements; 11.6 Radio Frequency Elements; 11.7 Spacecraft Tracking; References; Problems; Chapter 12 Reliability Analysis; 12.1 Introduction; 12.2 Review of Probability Theory; 12.3 Random Variables; 12.4 Special Probability Distributions; 12.5 System Reliability; 12.6 Statistical Inference; 12.7 Design Considerations; References; Problems; Appendix A: Random Processes; Appendix B: Tables; Bibliography; Index; A; B; C; D; E; F; G; H; I; J  
K

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