1. Record Nr. UNIORUON00049878

Autore	IBN al-ATIR, Magd al-Din
Titolo	Ibn al-Atir's (Magd Aldin al Mubarak) Kunja-worterbuch betitelt kitab al murassa / herausgegeben von C. F. Seybold
Pubbl/distr/stampa	Weimar, : Emil Felber, 1896
Titolo uniforme	Kitab al-murassa
Descrizione fisica	XVIII, 267 p. ; 22 cm
Classificazione	ARA III
Soggetti	FILOLOGIA ARABA ONOMASTICA ARABA
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910299571403321

Autore	Li Xuefeng
Titolo	Navigation and Guidance of Orbital Transfer Vehicle / / by Xuefeng Li, Chaobing Li
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018
ISBN	981-10-6334-6
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XIV, 174 p. 121 illus.)
Collana	Navigation: Science and Technology, , 2522-0454
Disciplina	629.453
Soggetti	Aerospace engineering Astronautics Space sciences Automatic control Robotics Mechatronics Aerospace Technology and Astronautics Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics) Control, Robotics, Mechatronics
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Modeling and Hardware Components of Control System of Orbital Transfer Vehicle -- Orbit Prediction Technology -- Inertial Navigation and Initial Alignment Technology.- INS/GNSS Integrated Navigation Technology -- INS/CNS Integrated Navigation Technology -- Redundant Fault Tolerance and Failure Reconfiguration Technology of Inertial Sensor -- Guidance and Midcourse Correction Technology -- Orbit Control Strategy.
Sommario/riassunto	This book uses the entire flying process, starting from ground launching of the orbital transfer vehicle (OTV) to injecting payload into earth synchronous orbit, as an example for real-world engineering practices. It discusses in detail the analysis design and integrated OTV navigation and guidance system technologies in combination with the engineering experiences of the authors in analysis, design and integrated OTV navigation and guidance system applications, and the research on navigation and guidance theories. It focuses on establishing motion of air vehicle equations, control system hardware components, orbit prediction technology, inertial navigation and initial alignment technologies, INS/GNSS integrated navigation technologies, INS/CNS integrated navigation technologies, redundant fault tolerance and failure reconfiguration technology of inertial sensors, guidance and midcourse correction technologies and orbit control strategies. The book is a valuable reference book for the engineers, technicians and researchers who are engaged in analysis, design and integrated application of OTV navigation and guidance control systems. It can also be used as teaching material for postgraduates and senior undergraduates majoring in OTV navigation and guidance systems and other related subjects.