

1. Record Nr.	UNINA9910698202803321
Autore	Kiselev A. I
Titolo	Astronautics : Summary and Prospects // by Anatoli I. Kiselev, Alexander A. Medvedev, Valery A. Menshikov
Pubbl/distr/stampa	Vienna : , : Springer Vienna : , : Imprint : Springer, , 2003
ISBN	3-7091-0648-6
Edizione	[1st ed. 2003.]
Descrizione fisica	1 online resource (1 p.)
Altri autori (Persone)	MedvedevA MenshikovV. A <1945-> (Valerii Aleksandrovich)
Disciplina	629.4
Soggetti	Astronomy Engineering Life sciences Social sciences Humanities Science Mathematics Astronomy, Cosmology and Space Sciences Technology and Engineering Life Sciences Humanities and Social Sciences Physical Sciences Mathematics and Computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes index.
Nota di contenuto	The contents -- 1. Trends in global space exploration -- 2. The Main Trends in Development of Astronautics in Russia -- 3. The Ground-Based Infrastructure -- 4. Space exploration and ecology -- Conclusion -- Abbreviations -- About the authors.
Sommario/riassunto	The monograph by A.I.Kiselev, A.A. Medvedev and Y.A.Menshikov, Astronautics: Summary and Prospects, aroused enthusiasm both among experts and the public at large. This is due to the felicitous choice of presentation that combines a simple description of complex space matters with scientific substantiation of the subject matter described.

The wealth of color photos makes the book still more attractive, and it was nominated for an award at the 14th International Moscow Book Fair, being singled out as the "best publication of the book fair". The book's popularity led to a second edition, substantially revised and enlarged. Since the first edition did not sufficiently cover the issues of space impact on ecology and the prospective development of space systems, the authors revised the entire volume, including in it the chapter "Space activity and ecology" and the section "Multi-function space systems". Using the federal monitoring system, now in the phase of system engineering, as an example, the authors consider the basic principles of building and the likely principal features of the future multi-role space systems capable of fulfilling a wide range of missions. Nowadays, space activity increasingly criticized by dedicated ecologists. This is not unfair. The development and utilization of space, like any other human activity, is invariably accompanied by such an untoward effect as environmental pollution. This criticism, however, is often prejudiced and opinionated. The authors attempt to look into the matter impartially and without bias.

---