

1. Record Nr.	UNINA9910781760303321
Autore	Musha Takaaki
Titolo	Field propulsion system for space travel [[electronic resource]] : physics of non-conventional propulsion methods for interstellar travel / / edited and authored by Takaaki Musha & Yoshinari Minami
Pubbl/distr/stampa	[Sharjah, United Arab Emirates, : Bentham Books, 2011]
Descrizione fisica	1 online resource (155 p.)
Altri autori (Persone)	MinamiYoshinari
Disciplina	629.4/1 629.41
Soggetti	Space vehicles - Propulsion systems
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	01 Title.pdf; 02 Title pages; 03 eBooks End User License Agreement-Website; 04 Contents; 05 Foreword; 06 Preface; 07 Acknowledgements; 08 Chap 01; 09 Chap 02; 10 Chap 03; 11 Chap 04; 12 Chap 05; 13 Chap 06; 14 Conclusions; 15 REFERENCES; 16 Bibliographies; 17 Appendices; 18 Index
Sommario/riassunto	This e-book presents an overview of field propulsion systems for the use of space travel and interstellar travel. Such systems include warp drive and anti-gravity schemes, and rely on momentum transfer from the spacecraft to the external force field and from there to other masses in the cosmos in order to satisfy conservation of momentum. This cannot be achieved by the conventional methods like chemical propulsion and electric propulsion. The e-book should be a valuable source of information for researchers interested in spaceflight and propulsion physics.