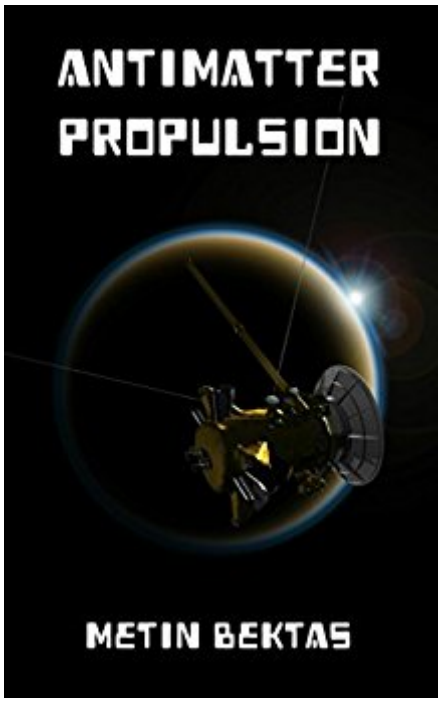
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Antimatter Propulsion



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Synopsis

Many popular science fiction movies and novels feature antimatter propulsion systems, from the classic Star Trek series all the way to Cameron’s hit movie Avatar. But what exactly is antimatter? And how can it be used accelerate rockets? This book is a gentle introduction to the science behind antimatter propulsion. The first section deals with antimatter in general, detailing its discovery, behavior, production and storage. This is followed by an introduction to propulsion, including a look at the most important quantities involved and the propulsion systems in use or in development today. Finally, the most promising antimatter propulsion and rocket concepts are presented and their feasibility discussed, from the solid core concept to antimatter initiated microfusion engines, from the Valkyrie project to Penn State’s AIMStar spacecraft. No prior knowledge is required.From the author of "Physics! In Quantities and Examples" and the popular "Great Formulas Explained" series.

Book Information

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Customer Reviews

The mysterious world of Antimatter is explained. It seems antimatter is a reality but the prospects of

antimatter propulsion is still a long way off. The different Space rocket propulsion systems are described and the advantages, disadvantages,the performance and the prospects of the engine becoming a reality are discussed. Another interesting book which I recommend.

A nice little intro that gives general info into the current state of possible propulsion systems. A easy read with a minimum of technical jargon.

Insightful, knowledgable & I enjoyed EVERY page. THANK YOU Metin!!! Some of us knewEXACTLY what you were on about!!

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