



Physics of Electric Propulsion

By Physics

Dover Publications. Paperback. Book Condition: New. Paperback. 366 pages. Dimensions: 8.4in. x 5.3in. x 0.8in. Geared toward advanced undergraduates and graduate students, this text systematically develops the concepts of electrical acceleration of gases for propulsion. Author Robert G. Jahn, Professor of Aerospace Sciences at Princeton University, starts his presentation with primary physical principles and concludes with realistic space thruster designs. Part I consists of a survey of those aspects of electricity, magnetism, and ionized gas mechanics that underlie the physical mechanisms for gas acceleration. These topics constitute the main body of the text. Part II's broad division into the categories of electrothermal, electrostatic, and electromagnetic acceleration mechanisms conforms to the historical development of the field and offers conceptual organization for new students. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



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