

Fundamentals of Hybrid Rocket Combustion and Propulsion (Progress in Astronautics and Aeronautics)

By ORBITEC M. Chiaverini, Pennsylvania State University and K. Kuo



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Fundamentals of Hybrid Rocket Combustion and Propulsion is the first text to offer a comprehensive treatment of hybrid rockets. In this book, editors have pooled together some of the most respected minds in the field, each providing their very special insight and expertise to the text. The content is therefore as upto-date as it is broad. Each chapter offers an expert account of every aspect of hybrid rocket propulsion, including fundamental aspects of hybrid combustion, numerical and theoretical approaches, and various applications. All chapters are enhanced with more than 25 to 35 graphical elements - including tables, figures and photographs. Making for an easy and informative read, this book is a must-have resource for anyone currently working in or studying rocket propulsion.



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• Sales Rank: #2135598 in Books

Brand: Brand: AIAAPublished on: 2007-03-15Original language: English

• Number of items: 1

• Dimensions: 9.18" h x 1.60" w x 6.40" l, 2.18 pounds

• Binding: Hardcover

• 650 pages

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Editorial Review

About the Author

Martin J. Chiaverini is a Principal Propulsion Engineer at Orbital Technologies Corporation (ORBITEC). He earned a B.S. in Aerospace Engineering and a B.S. in English from the University of Notre Dame, as well as an M.S. in Aerospace Engineering, an M.S. in Mechanical Engineering, and a Ph.D. in Mechanical Engineering from The Pennsylvania State University.

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