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*Dieter K. Huzel and David H. Huang*

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The single most comprehensive and complete text ever written about the subject. A true masterwork that covers every aspect of the design and engineering of liquid propellant rocket engines, written by two of the world's most respected scientists, on a special contract for NASA. This is today's most widely used textbook on the subject, with far more material (and in far more detail) than George P. Sutton's classic "Rocket Propulsion Elements." If you're interested in serious learning on this topic, here is the one book you'll need. It collects the decades of experience and knowledge accumulated in military and aerospace development and operational programs. This is a systematic presentation of the large (and previously loosely-organized) body of existing successful design techniques and practices. Its value and merit are obvious--these rocket engines work: they've sent men to the Moon, satellites into orbit, Space Shuttles to the International Space Station, and space exploration vehicles to Mars and beyond! Contents include details about virtually every kind of modern liquid propellant rocket propulsion system. The contents are the result of more than 45 years of investigations by the world's largest propulsion contractors. Literally billions of dollars were spent obtaining this critical yet hard-to-find data and information. In a word, this is the most complete and comprehensive book ever written about the theoretical and practical engineering design of liquid propellant engines. It covers exactly how one goes about designing, building, and testing an advanced propulsion system that works reliably. The detailed information about thrust chamber cooling is alone worth the price of the book! It's very thick (468 pages, almost two-inches!), heavy (two pounds!), and packed with accurate information for the professional (and "amateur") rocket scientist, engineer, technician, and experimenter. Many NASA-quality engineering drawings, figures, and tables.

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