

From Astronautics to Cosmonautics

Mike Gruntman

Booksurge, North Charleston, S.C., 2007

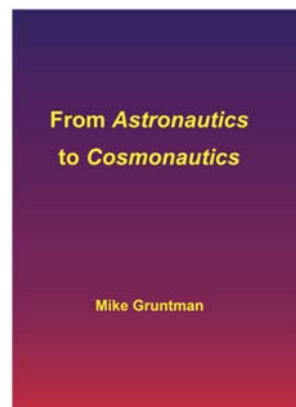
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Two pioneers of space exploration, **Robert Esnault-Pelterie** and **Ary Sternfeld**, introduced the words *astronautics* and *cosmonautics*, respectively, into the scientific language. The origin of the term *astronautics* is well documented. In contrast, the history of the word *cosmonautics* remains poorly known. Ary Sternfeld is also largely forgotten. The book tells the stories of *astronautics* and *cosmonautics* and describes the life journeys of space pioneers Robert Esnault-Pelterie and Ary Sternfeld.

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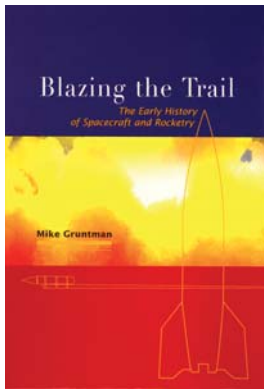
Inconvenient history

Remembered and forgotten space pioneer

On *New Horizons* to Pluto and beyond



About the author. Dr. Mike Gruntman is professor of astronautics at the University of Southern California. An accomplished physicist, Mike is actively involved in research and development programs in space science and space technology. He has authored and co-authored more than 300 scholarly publications, including 6 books.



Winner of the Luigi Napolitano Award (2006) from the International Academy of Astronautics

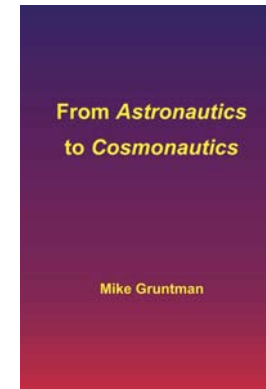
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475 pages, 340 figures, 250+ references



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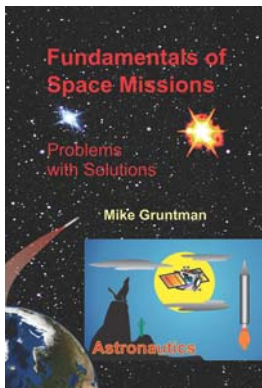
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Nominated for the Eugene M. Emme Astronautical Literature Award (2007) of the American Astronautical Society

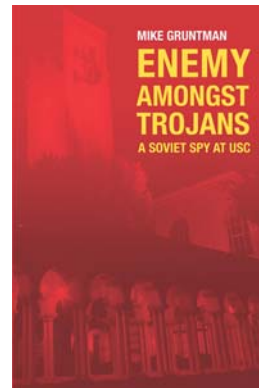
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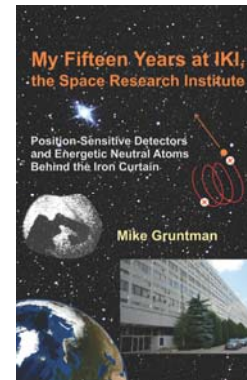
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