

# From Astronautics to Cosmonautics

Mike Gruntman

Booksurge, North Charleston, S.C., 2007

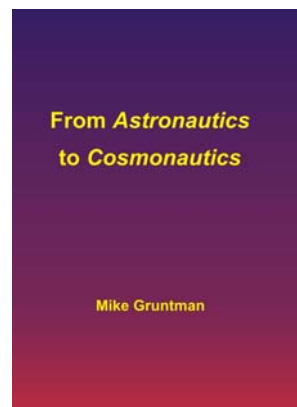
ISBN-10: 1-4196-7085-5 and ISBN-13: 978-1-4196-7085-5 (paperback)

ASIN: B002E19WDO (Kindle edition, \$1.00)

84 pages with 24 photographs

Bibliography: 75 references

Index: 230+ entries



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 life journeys of space pioneers Robert Esnault-Pelterie and Ary Sternfeld.

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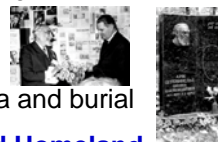
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About the author. Dr. Mike Gruntman is professor of astronautics at the University of Southern California. Accomplished physicist, Mike is actively involved in research and development programs in space science and space technology. He has authored and co-authored nearly 300 publications, including 4 books.