Konstantin Tsiolkovsky His Life and Work

By A. Kosmodemyansky

University Press of the Pacific. Paperback. Book Condition: New. Paperback. 120 pages. Dimensions: 8.0in. x 5.0in. x 0.3in. This book is a story of the life and work of Konstantin Tsiolkovsky, a celebrated scientist and inventor, the father of modern rocketry. He devoted most of his energies to the solution of three scientific and engineering problems: the all-metal dirigible, the aeroplane and the rocket. The most vital and progressive of his discoveries are those dealing with the theory of rocket propulsion. His designs of reaction devices, his methods of studying the dynamics of rocket flight and research into the possibilities of interplanetary travel have become widely known and have won world recognition. Tsiolkovsky's first original calculations of rocket flight were made at the end of the 19th century and published in 1903. His conclusions were based on elaborate calculation and are strictly scientific. I could never proceed without calculation. It was calculation that directed by thought and my imagination, Tsiolkovsky wrote in one of his articles. We are witness of Tsiolkovsky's scientific ideas and dreams being embodied in long-range rockets, guided missiles and jet aircraft, to which every passing day brings new improvements, while scientific and technical magazines in many countries...

Reviews

This is actually the finest publication I actually have study right up until now. We have study and so I am confident that I am going to planning to go through again again in the foreseeable future. I am just effortlessly will get a delight of studying a published book.

-- Lori Bernier

Complete guideline! Its such a excellent read. This really is for all who statte there had not been a worth studying. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Timothy Lynch