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Nota di contenuto	Front matter -- Preface to English Edition -- Translation Notes -- Foreword to 2nd Edition / Oberth, Hermann -- Table of Contents -- List of the Most Important Formula Variables and Abbreviations -- § 1. Introduction -- Part I. Principle of Operation and Performance -- § 2. Most Favorable Velocity -- § 3. Relationships between Time, Mass, Force, Distance, Air Pressure and Most Favorable Velocity -- § 4. Propulsion Apparatus and Jet Velocity -- § 5. The Free Flight of the Rocket -- § 6. Andruck -- § 7. Discussion. Results of Our Investigations Thus Far -- Part II. Description of Model B: Discussion of Technical Implementation -- § 8. Introductory Remarks -- § 9. The Alcohol Rocket -- § 10. The Hydrogen Rocket -- § 11. Measurements with Model B -- § 12. About the Technical Devices -- Part III. Purpose and Prospects -- § 13. Physical Effects of Abnormal Andruck on Humans -- § 14. Psychological Effects of Abnormal Andruck Conditions -- § 15. Dangers during Ascent -- § 16. Equipment of the Rocket -- § 17. Outlook -- Addendum -- Postscript

Sommario/riassunto

For all being interested in aeronautics, this translation of Hermann Oberth's classic work is a truly historic event. Readers will be impressed with this extraordinary pioneer and his incredible achievement. In a relatively short work of 1923, Hermann Oberth laid down the mathematical laws governing rocketry and spaceflight, and he offered practical design considerations based on those laws.
