Record Nr. UNINA9910457538903321 **Titolo** Power systems for space flight [[electronic resource] /] / edited by Morris A. Zipkin, Russell N. Edwards Pubbl/distr/stampa New York, : Academic Press, 1963 **ISBN** 1-60086-484-8 1-60086-265-9 Descrizione fisica 1 online resource (960 p.) Collana Progress in astronautics and rocketry;; v. 11 Altri autori (Persone) ZipkinMorris A EdwardsRussell N Soggetti Electric rocket engines Space vehicles - Electric propulsion systems Space vehicles - Electric equipment Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "A selection of technical papers based mainly on the American Rocket Note generali Society Space Power Systems Conference held at Santa Monica. California, September 25-28, 1962." Nota di bibliografia Includes bibliographical references and index. ""Cover""; ""Title""; ""Copyright""; ""Power Systems Committee""; Nota di contenuto ""Preface""; ""Acknowledgements""; ""Contents""; ""A. Selection of Power Systems": ""Survey of Space Power Requirementsa€?1962 to 1976"": ""The NASA Nuclear Electric Power Program""; ""Powerplant Consideration for an Arc-Jet Space Propulsion System""; ""Fuel Cell, Solar Cell, and Chemical Dynamic Power Systems Comparison""; ""Power Supplies for Mobile Lunar Vehicles""; ""B. Chemical Power Systems""; ""Dynamic""; ""High Performance, Short Time Duration, MHD Generator System"" ""Piston Engine Development Demonstrates Advantages for Space Power Applications"""Hydrogen-Oxygen Fuel Cell System for Space Vehicles""; ""Development of Catalytic Hydrogen-Oxygen Reaction Chambers for Space Power Systems""; ""Static""; ""Sealed Nickel-Cadmium, Silver-Cadmium, and Silver-Zinc Batteries""; ""Hermetically Sealed Nickel-Cadmium Batteries for the Orbiting Astronomical Observatory Satellite""; ""Use of a Sealed Silver Cadmium Battery on

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