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""An Approximate Analytic Solution of the Steady-State Thermal Design Problem of Space Radiators""""I.2 Entry Heating: Convection, Radiation, and Ablation""; ""Radiative Transport in Inviscid Nonadiabatic Stagnation-Region Shock Layers""; ""Radiation Transfer through High-Temperature Shock Layers""; ""Remote Sensing of Rarefied Gas Flows through a Fluorescence Technique""; ""Thermodynamic Performance of Carbon in Hyperthermal Environments""; ""A Rapid Technique for Estimating Ablative Heat Shield Weights from Plasma Jet Test Data""

""Surface Oxidation with Streamwise Variation of Wall Reactivity""""Hypersonic, Diffusion-Controlled Oxidation of Tungsten""; ""I.3 Rocket Exhaust Effects""; ""Spectral Radiance of Model Rocket Exhaust Plumes at High Altitudes""; ""Effects of the LM Descent Engine Exhaust on Lunar Surface Temperatures""; ""I.4 Lunar and Planetary Vehicles Design""; ""A Study of the Thermal Kill of Viable Organisms during Mars Atmospheric Entry""; ""Prediction of the Martian Thermal Environment""; ""Thermal Control Aspects of a Stationary Martian Surface Laboratory""

""Thermal Testing under Simulated Martian Environment""""LM Passive Thermal Design and Test""; ""II. THERMOPHYSICAL PROPERTIES FOR DESIGN""; ""II. 1 Remote Measurements""; ""Determination of Optical and Physical Properties of Artificial Satellites by Passive Ground-Based Photometry""; ""Predicting Lunar Temperatures""; ""Lunar Surface Thermal Characteristics during Eclipse from Surveyors III, V and after Sunset from Surveyor V""; ""II.2 Thermal Radiation Properties""; ""Emission, Total Internal Reflection, and Tunneling of Thermal Radiation in Metals""

""Measurements of Thermal Radiation of Solids at Liquid-Helium Temperatures""""A Technique for the Measurement of Spectral Reflectances at Low Temperatures in the Infrared and Far Infrared""; ""Development of Phase-Change Coatings""; ""II.3 Joint Conductance""; ""Simultaneous Radiation and Conduction between Rough Surfaces""; ""Thermal Conductance of Two-Dimensional Constrictions""; ""An Exact Solution for Thermal Conduction through a Two- Dimensional Eccentric Constriction""

""Effects of Transient Pressure Environments on Heat Transfer in One-Dimensional Composite Slabs with Contact Resistance""
