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"IV. Orbit Mechanics of the Ranger and Mariner Missions""Trajectory Design for Ranger and Mariner Missions"; "Boost Vehicle Trajectories for Ranger and Mariner Programs"; "Launch-to-Mission Completion Targeting for Ranger and Mariner Missions"; "V. Orbit Transfer and Trajectory Optimization"; "A Trajectory Optimization Technique Based upon the Theory of the Second Variation"; "Minimum Impulse Transfer"; "On Some Single-Impulse Transfer Problems"; "Analysis of the Orbital Transfer Problem in Three-Dimensional Space"; "VI. Orbit Determination"

"Position and Velocity Estimates by Trajectory Rectification""Self-Contained Orbit Determination Techniques"; "Linearized Drag Analysis and Orbit Determination"; "Orbit Determination in the Presence of Systematic Errors"; "Contributors to Volume 14"
