

# Volume 10 of Progress in Astronautics and Aeronautics

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## Technology of Lunar Exploration

Edited by Clifford I. Cummings and Harold R. Lawrence, Jet Propulsion Laboratory, California Institute of Technology, Pasadena

A Selection of Technical Papers based mainly on the American Rocket Society Lunar Missions Meeting, held at Cleveland, Ohio, July 17-19, 1962

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This book includes a wealth of authoritative, up-to-date information on the lunar exploration problem. Written by experts in their particular field, it reflects the advances made since the placing of spacecraft in heliocentric orbits around the moon, and the recent success of manned orbital flights.

The papers are organized into sections that follow the various stages needed to accomplish a lunar mission, including landing on or orbiting the moon, and returning to the earth. Special attention is focused on problems encountered in the designing of spacecraft to meet the demands of environments, such as cislunar space, the near vicinity of the moon, and the lunar surface itself.

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