## TRANSPORT COEFFICIENTS OF HIGH PRESSURE ARGON IN A MAGNETIC FIELD

BY

RALPH S. DEVOTO

DEPARTMENT OF AERONAUTICS AND ASTRONAUTICS
STANFORD UNIVERSITY
STANFORD, CALIFORNIA

APRIL 1971

CONTRACT NO. F33615-70-C-1150 PROJECT NO. 7063

Approved for public release; distribution unlimited.

AEROSPACE RESEARCH LABORATORIES
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

## FOREWORD

This final technical report was prepared by Professor R. S. Devoto, Department of Aeronautics and Astronautics, Stanford University, under Contract F 33615-70-C-1150 for the Aerospace Research Laboratories, Air Force Systems Command, United States Air Force. It covers the period from 20 October 1969 to 19 October 1970. Technical Monitor for this project was Dr. Uwe Bauder, Thermomechanics Laboratory, Aerospace Research Laboratory.