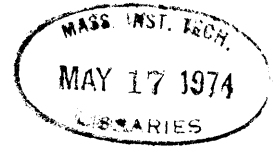


Humanities



QUARTERLY PROGRESS REPORT

No. 113

APRIL 15, 1974

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RESEARCH LABORATORY OF ELECTRONICS
CAMBRIDGE, MASSACHUSETTS 02139

The Research Laboratory of Electronics is an interdepartmental laboratory in which faculty members and graduate students from numerous academic departments conduct research.

The research in this laboratory is made possible by support extended the Massachusetts Institute of Technology by the following agencies.

Joint Services Electronics Program (U.S. Army, U.S. Navy, U.S. Air Force)

Contract DAAB07-71-C-0300

U.S. Army—Research Office—Durham

Contract DAHC04-71-C-0039

Contract DAHC04-72-C-0044

U.S. Navy—Office of Naval Research

Contract N00014-67-A-0204-0019

Contract N00014-67-A-0204-0064

Contract N00014-67-A-0204-0069

U.S. Air Force—Electronic Systems Division

Contract F19628-73-C-0196

U.S. Air Force—Office of Scientific Research

Contract F44620-71-C-0051

Contract F44620-72-C-0057

National Aeronautics and Space Administration

Contract NAS1-10693

Grant NGL 22-009-016

Contract NAS5-21980

Grant NGR 22-009-526

Grant NGL 22-009-013

National Institutes of Health

Grant 5 PO1 GM14940-07

Grant 1 RO1 NS11000-01

Grant 5 PO1 GM19428-02

Grant 1 RO1 NS11080-01A1

Grant 5 PO1 H614322-03

Grant 2 RO1 NS04332-11

Grant 1 RO1 EY01149-01

Grant 5 SO5 RR07047-08

Grant 1 RO1 GM20370-01

Grant 2 TO1 GM01555-07

Grant 1 RO1 NS10737-01

Grant 5 TO1 HD00111-09

National Institute of Mental Health

Grant 5 PO1 MH13390-07

National Science Foundation

Grant GK-31353

Grant GK-41464

Grant GK-33736X1

Grant GP-39061X

Grant GK-37582

Grant GP-40484X

Grant GK-37979X1

Grant GP-40485X

Grant GK-41098

Grant GP-41055

U.S. Atomic Energy Commission

Contract AT(11-1)-3070

Bell Telephone Laboratories, Inc. (Grant)

Associated Press (Grant)

California Institute of Technology

Contract 953524

University of California, Livermore

Subcontract No. 7877409

Boston City Hospital

Purchase Orders 1176-21335, 3319-51355, 4338-75431

Peter Bent Brigham Hospital

Purchase Order G-33196

M.I.T. Sloan Fund for Basic Research

Clarence J. LeBel Fund

Madeline Moses Fund

National Academy of Sciences (Grant)

Chicago Musical Instrument Company (Grant)

Graphic Arts Research Foundation

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION
UNLIMITED

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RESEARCH LABORATORY OF ELECTRONICS

QUARTERLY PROGRESS REPORT No. 113
April 15, 1974

Submitted by: H. J. Zimmermann
J. G. King

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION UNLIMITED.

FOREWORD

This report, No. 113 in a series of quarterly progress reports issued by the Research Laboratory of Electronics, reviews some of the research activities of the Laboratory for the three-month period ending February 28, 1974. It also includes several detailed reports held over from the previous quarter.

With deep sorrow, we report the unexpected death on March 10, 1974, of Samuel J. Mason, Professor of Electrical Engineering. Professor Mason was a staff member of RLE since 1947, and served as Associate Director of the Laboratory since 1967.

