

Journal of the

WASHINGTON ACADEMY OF SCIENCES

ISSN 0043-0439

Issued Quarterly
at Washington, D.C.



CONTENTS

Articles:

JOE ROSEN, "Universal microirreversibility and indeterminism in classical dynamical systems"	133
JAMES A. BALLAS, "Interpreting the language of information sound"	143
JOHN M. REISING, TERRY J. EMERSON & KRISTEN K. LIGGETT, "Displaying information in future cockpits"	161