

BIOPHYSICAL JOURNAL

CONTENTS

August 1970 volume 10 number 8

- 679 COOPERATIVE ASPECTS OF SMALL ION, SMALL MOLECULE INTERACTION WITH NUCLEIC ACIDS. POTASSIUM-POLYRIBOADENYLIC ACID, POLYRIBOURIDYLIC ACID. *Floyd Hughes*
- 700 THE ROLE OF DIFFUSION IN BIMOLECULAR SOLUTION KINETICS. *J. Michael Schurr*
- 717 THE ROLE OF DIFFUSION IN ENZYME KINETICS. *J. Michael Schurr*
- 728 STUDIES OF ELECTRIC CAPACITANCE OF MEMBRANES. I. A MODEL MEMBRANE COMPOSED OF A FILTER PAPER AND A LIPID ANALOGUE. *Yonosuke Kobatake, Akihiko Irima Jiri, and Nobuyoshi Matsumoto*
- 745 ON THE TRANSMISSION OF INFORMATION THROUGH SENSORY NEURONS. *Walløe*
- 764 THE SMALL ANGLE LIGHT SCATTERING OF BIOLOGICAL CELLS. THEORETICAL CONSIDERATIONS. *P. F. Mullaney and P. N. Dean*
- 773 A PSEUDO-MARKOV MODEL FOR SERIES OF NEURONAL SPIKE EVENTS. *Anders Ekholm and Juhani Hyvärinen*