

# Indian Journal of Mathematics

*Prof. C. T. Rajagopal Memorial Volume*

Volume 22, No. 3, 1980

---

## CONTENTS

### **J. Gopala Krishna**

SOME BASIC RESULTS ON GENERAL DIRICHLET SERIES AND APPLICATIONS 185-193

### **Brian Fisher**

FIXED POINTS ON COMPLETE AND COMPACT METRIC SPACES 195-200

### **B. K. Lahiri**

ON SEPERATION OF SETS IN MEASURE 201-207

### **G. Freud and H. N. Mhaskar**

WEIGHTED POLYNOMIAL APPROXIMATION IN REARRANGEMENT INVARIANT BANACH FUNCTION SPACES ON THE WHOLE REAL LINE 209-224

### **M. S. Rangachari**

TAUBERIAN OSCILLATION THEOREMS FOR THE SUMMABILITY METHODS OF THE HARDY FAMILY 225-243

### **M. G. Deshpande**

ON QUASI-INJECTIVE MODULES AND A THEOREM OF K. KOH 245-248

### **N. V. Deshpande and V. S. Ranadive**

ON THE HAMILTONIAN PROPERTIES OF THE CUBE OF A TREE 249-256

### **Pl. Kannappan**

ON A GENERALIZATION OF SUM FORM FUNCTIONAL EQUATION. IV 257-262

### **K. Kuppu Swamy Rao**

PROJECTIVE PLANE OF ORDER 2 AND SIMPLE GROUP OF ORDER 168 263-267

2

**V. Sree Hari Rao**

A CLASS OF NEW DIFFERENTIAL EQUATIONS

269-279

**D. Suryanarayana and M. V. Subbarao**

ARITHMETICAL FUNCTIONS ASSOCIATED WITH THE BI-UNITARY  
 $k$ -ARY DIVISORS OF AN INTEGER

281-298

**W. C. Sisarick and L. A. Patterson**

A LINEAR METRIC SPACE OF ENTIRE FUNCTIONS

299-312

**A. K. Mathur, B. S. Bhatt and N. C. Sacheti**

HYDROMAGNETIC LAMINAR FLOW BETWEEN PARALLEL POROUS  
WALLS WITH LARGE SUCTION

313-318

\*\*\*\*\*