

CONTENTS

	<i>Page</i>
ORIGINAL PAPERS	
<i>Chemical Reaction Engineering</i>	
MASS TRANSFER WITH SURFACE REACTION IN ARRAYS OF CYLINDERS AT LOW REYNOLDS AND HIGH PECKET NUMBERS : FLOW PERPENDICULAR TO THE AXIS OF THE CYLINDERS	
<i>Venneti M. H. Govindarao</i>	1
<i>Fluid Mechanics</i>	
SOME CHARACTERISTICS OF HYDRAULIC JUMPS	
<i>N. S. Lakshmana Rao and B. S. Thandaveswara</i>	15
TURBULENT WALL JETS	
<i>V. Kuppu Rao and M. Inäerjit</i>	35
<i>Communication Engineering</i>	
SIMULATION OF CO-SINUSOIDALLY MODULATED DIELECTRIC MEDIUM BY ARTIFICIAL DIELECTRIC AT MICROWAVE FREQUENCIES	
<i>S. K. Chatterjee and T. S. Rukmini</i>	47
<i>Differential Equations</i>	
SPECTRUM OF A SCHRÖDINGER OPERATOR WITH A CLASS OF DAMPED OSCILLATING POTENTIALS	
<i>Annapurna Sarkar</i>	65
<i>Applied Elasticity</i>	
VIBRATIONS OF IRREGULAR-SHAPED ORTHOTROPIC PLATES RESTING ON ELASTIC FOUNDATION UNDER INPLANE FORCES	
<i>Paritosh Biswas</i>	73
<i>Applied Mathematics</i>	
NON-SYMMETRICAL BENDING OF CIRCULAR PLATES HAVING SMALL INITIAL CURVATURE UNDER THE COMBINED ACTION OF LATERAL LOADS AND FORCES IN THE MIDDLE PLANE OF THE PLATES	
<i>Debabrata Sinha and Sukumar Basuli</i>	79
BOOK REVIEW	87