

TABLE OF CONTENTS

Volume 1 Number 4

August 2011

Micro Crack of Aluminum Sheet during Cold Rolling

- C. H. Zhang, S. S. Liu, C. H. Zhang.....169

Mathematical Modelling of Mass Transfer and Free Convection Current Effects on Unsteady Viscous Flow with Ramped Wall Temperature

- M. Narahari, O. A. Bég, S. K. Ghosh.....176

Numerical Modelling of Non-Similar Mixed Convection Heat and Species Transfer along an Inclined Solar Energy Collector Surface with Cross Diffusion Effects

- O. A. Bég, A. Bakier, R. Prasad, S. K. Ghosh.....185

Transverse Standing Waves in a Nonuniform Line and Their Empirical Verifications

- H. Sarafian.....197

Determination of the Onset of Mechanical Destruction of Silver Azide Crystals Initiated by a Laser Pulse

- V. G. Kriger, A. V. Kalenskii, A. A. Zvekov, M. V. Anan'eva, E. A. Grishaeva, I. U. Zykov.....203