

Table of Contents

Preface

Method of Predicting Pitting Fatigue Utilizing an Eddy Current Sensor W. Tsunoda, K. Ohno and Y. Iwamoto	1
Hysteresis Phenomenon of Hydrodynamic Lubrication Characteristics of Seal-Type Dimple Bearings R. Miwa, N. Miyanaga and J. Tomioka	7
The Structural Material Property Analysis of CNC Machine Tools Based on Tribology Applied Method Y.L. Hwang, T.N. Ta and Adhitya	13
The Effects of Surface Texturing on Friction Performance under Two-Wheels Vehicle Control Condition Y.L. Hwang and Adhitya	19
Influence of Elastic Material Components on Dynamics of Hydraulic Cylinder Actuators via a Numerical Study V.T. Truong and Y.L. Hwang	27
Research on Aeroelasticity Phenomenon of a Flat Copper Alloy Plate T.K.D. Hoang, P.K. Nguyen and N.K. Tran	33
Strength Analysis of Main Rotor Blades of Helicopter UAV P.K. Nguyen and T.K.D. Hoang	39
Design of the Surface Powder Removing Device for the Wire Coil Used in the Screw or Nut Manufacturing Process P.H. Tsai and H.Y. Chu	47