



Table of contents

Editorial	i
Table of contents	iii
1. Transient response of two lobe aerodynamic journal bearing Saurabh Kumar Yadav, Nathi Ram	1
2. Effect of nanoparticles as lubricant additives on friction and wear behavior of tetrahedral amorphous carbon (ta-C) coating Xiang Li, Motoyuki Murashima, Noritsugu Umehara	15
3. The abrasion resistance estimation of the C120 steel by a multi-pass dual-indenter scratch test Lucian Capitanu, Liliana-Laura Badita, Virgil Florescu	30
4. Surface roughness of hypereutectic Al-Si A390 in high speed milling Kamal Othman, Jaharah A. Ghani, Mohd Shahfizal Ruslan, Mohd Shahir Kassim	42
5. Sliding wear performance of dry and oil impregnated black-fiber palm wood Friedrich K., Akpan E. I., Wetzal B.	51
6. Application of full factorial design to study the tribological properties of AA6061-B4C and AA6061-B4C-MoS₂ composites Monikandan V. V., Joseph M. A., Rajendrakumar P. K.	71