

Acta Universitatis Sapientiae

Electrical and Mechanical Engineering

Volume 17, 2025

Sapientia Hungarian University of Transylvania
Scientia Publishing House

Contents

<i>Richárd HORVÁTH, István Károly GÁL, Márton MÁTÉ, László SIKOLYA</i>	
The Geometry and the Sliding Properties of a Generalized Cosine Spur Gear Drive.	1
<i>Taha El-Amine TERKI HASSAINE, Morad BELHARIZI, Hamid BOUCHELKIA, Abdelhalim BENMANSOUR, Tayeb YAHIAOUI</i>	
Active Flow Control of a Symmetric Airfoil Using Steady Jet Injection: A Numerical Study	17
<i>Taraneh JAVANBAKHT</i>	
Investigation on the Rheological Properties of a Blend of Polyvinyl Alcohol and Polyacrylic Acid	31
<i>József KÁNTOR, Attila Levente GERGELY</i>	
Oil Sorption Properties of PLA Fiber-Based Sorbents Prepared by Electrospinning, Centrifugal Spinning and 3D Printing.	43
<i>Hichem BENKADI, Mokhtar NESRI, Guedida SIFELISLAM, Abdelhakim IDIR, Kamal NOUNOU, Mohamed Fouad BENKHORIS</i>	
Enhancement of Operating Performance of the Dual Star Induction Machine (DSIM) Based on Three-Level T-Type Inverter	57

