

## Contents

<b>449. DYNAMIC ANALYSIS AND DESIGN OF A SURGICAL PARALLEL ROBOT USED IN LAPAROSCOPY</b>	<b>215</b>
N. PLITEA, J. HESSELBACH, D. PÍSLĀ, A. RAATZ, B. GHERMAN, C. VAIDA	
<b>450. EXPERIMENTAL RESEARCH OF PARTS VIBRATORY ALIGNMENT WITH REMOTE CENTER COMPLIANCE DEVICE</b>	<b>226</b>
B. BAKŠYS, A. CHADAROVIČIUS, K. PILKAUSKAS	
<b>451. A SYSTEM FOR GLIDER DYNAMIC MEASUREMENTS AND ANALYSIS OF CRITICAL PARAMETERS</b>	<b>233</b>
A. RUGAITIS, V. DEKSNYS, V. VOLKOVAS	
<b>452. EFFECT OF DEFECTS ON THE VIBRATIONS OF A PAPER IN ELEMENTS OF PACKAGES</b>	<b>240</b>
E. KIBIRKŠTIS, A. KABELKAITĒ, A. DABKEVIČIUS, V. BIVAINIS, L. RAGULSKIS	
<b>453. RATIONALE OF HUMAN SKIN VIBRATIONS: REGISTRATION AND DIAGNOSTIC VALUE</b>	<b>249</b>
E. KANIUSAS, H. PFUTZNER, G. VARONECKAS	
<b>454. NEW METHOD FOR LOADED MUSCLE'S STIFFNESS EVALUATION</b>	<b>256</b>
M. MARIŪNAS, K. DAUNORAVIČIENĒ	
<b>455. THE INFLUENCE OF AGE, GENDER AND PATHOLOGY TO BLOOD VESSELS ARTERIAL PRESSURE AND EFFICIENCY</b>	<b>262</b>
M. MARIŪNAS, Z. KUZBORSKA	
<b>456. RESEARCH OF SYNCHRONY IN MUSCULATURE SYSTEM DURING GAIT</b>	<b>268</b>
K. DAUNORAVIČIENĒ, J. PAUK, J. GRIŠKEVIČIUS, J. ANDRAŠIŪTĒ	
<b>457. DETERMINATION OF MASS-INERTIAL PARAMETERS OF THE HUMAN UPPER AND LOWER EXTREMITIES USING 3D MODELLING</b>	<b>274</b>
G. S. NIKOLOVA	
<b>458. NEW METHOD FOR DETECTION OF EPILEPTIC SEIZURE</b>	<b>279</b>
Z. VASICKOVA, M. AUGUSTYNEK	
<b>459. INTERACTION OF ACOUSTIC WAVES WITH CYLINDRICAL AND NON-CYLINDRICAL DUCT WALLS AND THEIR IMPACT ON SOUND INSULATION</b>	<b>283</b>
D. GUŽAS, R. ŠUKYS	
<b>460. RESEARCH ON CEILING OF ACOUSTICS IN CONCERT HALL</b>	<b>293</b>
TU MING-CHIU	

<b>461. ONLINE MODELLING FOR SOUND ABSORPTION PROPERTIES OF COMPOSITE MATERIAL</b>	<b>298</b>
SEZGIN ERSOY, ERKAN KAPLANOĞLU	
<b>462. AN INVESTIGATION OF MECHANICAL AND ACOUSTIC ABSORPTION PROPERTIES OF MULTIAXIAL GLASS FIBER AND HAZELNUT'S SHELL REINFORCED POLIESTER RESIN COMPOSITES</b>	<b>305</b>
ERSOY SEZGIN, BEYIT ALI & SANCAK ERHAN	
<b>463. IDENTIFICATION OF INSTANTANEOUS SIGNALS OF VERBAL COMMUNICATIONS</b>	<b>316</b>
S. MERKEVIČIUS, R. BUTKUS, E. JOTAUTIENĖ, G. VASILIAUSKAS	
<b>464. RESEARCH OF TRACTOR NOISE AT ACCELERATION MODE</b>	<b>322</b>
J. DEIKUS, J. EIČINAS, M. LIEGUS	
<b>465. SLOW STEADY-STATE FLOW OF VISCOUS FLUID NEAR VIBRATING CYLINDER; CREEPING FLOW IN CHANNEL</b>	<b>331</b>
V. KARGAUDAS, R. BANSEVICIUS, A. BUBULIS	
<b>466. BEHAVIOUR OF FE-NANOPARTICLES IN MAGNETIC FIELD</b>	<b>339</b>
K. ŠILEIKA, I. SKIEDRAITĖ, A. BUBULIS, K. RAGULSKIS	
<b>467. EXPERIMENTAL DETERMINATION OF GRAIN QUALITY PARAMETERS</b>	<b>346</b>
J. VADLUGA, I. SKIEDRAITĖ, A. BUBULIS	
<b>468. DETERMINATION OF BRITTLE DYNAMIC FRACTURE CHARACTERISTICS OF STRUCTURAL ELEMENTS HAVING DIFFERENT GEOMETRICAL DIMENSIONS</b>	<b>353</b>
A. ŽILIUKAS AND M. GINTALAS	