

TRANSACTIONS

of FAMENA

Contents

| | |
|--|----|
| A Boundary Element Method for Motions and Added Resistance of Ships in Waves Emanuela Ageno, Ermina Begovic, Dario Bruzzone, Anna Maria Galli, Paola Gualeni..... | 1 |
| Influence of Airspeed Measurement Error – Implications for Dead Reckoning Navigation Doris Novak, Izidor Alfrević, Boris Popović | 13 |
| Robust Stability of Singularly Impulsive Dynamical Systems Nataša A. Kablar, Vladimir M. Kvrđić, Dragutin Lj. Debeljković..... | 23 |
| A Study of Effects of Changing the Position of the Tool Axis against the Machined Surface Marek Sadilek, František Fojtík, Zuzana Sadilková, Kamil Kolařík, Jana Petrů | 33 |
| A New Algorithm for Dynamic Analysis of Thin Plates in the Combined Finite-Discrete Element Method Ivana Uzelac, Hrvoje Smoljanović, Bernardin Peroš | 47 |
| Probabilistic Models of Ultimate Strength Reduction of Damaged Ship Branka Bužančić Primorac, Joško Parunov | 55 |
| Identifying the Technical Condition of Rotating Parts by Means of Vibrodiagnostics Jan Furch, Josef Glos, Jiří Blecha..... | 75 |
| Professional papers | |
| Performance and Emission Characteristics of a Diesel Engine with a Zirconium Dioxide-Coated Piston and Nerium and Mahua Methyl Esters Used as Fuels Ramalingam Senthil, Nattan Ravichandiran, Rajendran Silambarasan | 87 |
| News | |
| Professor Šime Malenica awarded by the Croatian Academy of Sciences and Arts | 97 |
