

PROBLEMY MECHATRONIKI

UZBROJENIE, LOTNICTWO, INŻYNIERIA BEZPIECZEŃSTWA

KWARTALNIK



PROBLEMS OF MECHATRONICS

ARMAMENT, AVIATION, SAFETY ENGINEERING

QUARTERLY

SPIS TREŚCI – CONTENTS

Mariusz WAŻNY, Krzysztof FALKOWSKI, Mirosław WRÓBLEWSKI, Konrad WOJTOWICZ and Adam MARUT Conceptual Design of an Anti-collision System for Light Rail Vehicles*	9
Przemysław BADUROWICZ, Przemysław KUIDURA, Wiesław STĘNIAK and Bartosz FIKUS Development of the Preliminary Numerical Model of the Short Recoil Operated Weapon Using the Multibody Systems.....	27
Michał FRANT, Stanisław WRZESIEŃ and Maciej MAJCHER Experimental Determination of the Impact of Floats on the Aerodynamic Characteristics of an OSA Model in Symmetric Flow*	41
Damian SZUPIEŃKO and Ryszard B. WOŹNIAK Preliminary Physical and Mathematical Model of the Recoil Operated Firearm within the Bolt Recoil Period*	59
Artykuły przeglądowe i komunikaty techniczne Review and technical papers	
Ryszard B. WOŹNIAK, Mirosław ZAHOR, Paweł MADEJ, Janusz PAWLAK and Norbert PIECHOTA Evolution of the MSBS Grot Assault Rifle from Version A0 to Version A2*	75
Damian WOJTYRA, Kamil WACŁAWIK, Ksawery KRENC and Marcin DŁUGOŃ Concept for the Construction and Application of a Counter-UAV Defence System*	87
Mateusz MORAWSKI and Mirosław ZAHOR Delayed Blowback Operation Firearms in the Small Arms Classification*	101
List of reviewers 2020	119

* papers translated into English and verified by company

SKRIVANEK sp. z o.o.

17 Śniadeckich Street, 00-654 Warsaw, Poland