

PROFESSIONAL SCIENTIFIC PUBLICATIONS IVAN KOZHEDUB KHARKIV NATIONAL AIR FORCE UNIVERSITY

Ivan Kozhedub Kharkiv National Air Force University is the founder and publisher of four quarterly professional scientific publications.

All the University scientific publications have State registration and are included into the “List of Scientific Professional Publications of Ukraine, where results of final papers for the degree of *Doctor of Science and Doctor of Philosophy (Technical and Military Science)* can be published”.

Subjects of Scientific Publications

Science and Technology of the Air Force of Ukraine



- Development and application of the Air Force, and other branches of the Armed Forces of Ukraine, improvement of their control system
- Development, combat application and armament of aviation
- Development, combat application and armament of anti-aircraft troops
- Development, combat application and armament of radio engineering troops
- Development of radio engineering support, ACS and Air Force communication
- Armed mission experience and crisis management operations
- Historical Issues



Information Processing Systems



- Information processing in complex engineering systems
- Information processing in complex organizational systems
- Mathematical models and methods
- Simulation in economics, manufacturing process organization and project management
- Infocommunication systems
- Information technologies in economics, on an enterprise, and a factory
- Information technologies in medicine, biology and ecology
- Information technologies in education
- Information security and cybersecurity
- Systems of artificial intelligence
- Metrology, information and measurement technologies and systems
- Emergency prevention and mitigation



Scientific Works of Kharkiv National Air Force University



- Military struggle: theory, support and experience
- Pressing issues of Armed Forces development
- National cybersecurity
- Aircraft: aerodynamics, powerplants, equipment, armament and application
- Communication, radio engineering, radar, acoustics and navigation
- Cybernetics and system analysis
- Mechanics, construction and electricity supply system
- Metrology and measuring equipment
- Simulation theory in economics and project management
- Pressing education issues
- Environmental problems
- Historical issues
- Law enforcement
- Social adaptation of servicemen



Systems of Arms and Military Equipment



- Military technical issues
- Theoretical background of armament systems development and operation
- Life safety and disaster relief



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