

CONTENTS

VOLUME 49

NUMBER 3

2006

RADIOELECTRONICS AND COMMUNICATIONS SYSTEMS

SPECIAL ISSUE

MILITARY RADIOELECTRONIC TECHNOLOGIES

	PAGES	
	RUSSIAN	ENGLISH
Effectiveness of detection of a target with unknown motion parameters when sounding by a sequence of optical pulses. A. P. Trifonov and M. B. Bespalova	3	1
Efficiency of estimation of the number and the motion parameters of individual radar objects comprising a lumped multiple target. A. A. Chizhov and A. V. Avlasyonok.	9	6
Analytical representation of polarized signals. V. L. Seletkov	17	13
Improvement of resolving capacity of airborne radar systems by method of extraction of object's images. V. K. Klochko	24	18
Adaptive threshold devices. D. I. Popov	30	23
Improvement of resolving capacity of correlation methods for detecting short noise-containing signals. V. A. Pogribny, I. V. Rozhankivsky, and T. Leshchinsky	36	27
A quasioptimal algorithm of search for noise-like signal with a minimum of frequency-keying. V. N. Bondarenko	43	32
A methodical approach to estimating the opportunity for suppression of mobile UHF radio communication inside buildings. V. B. Avdeyev and A. N. Katrusha	51	38
A digital method for suppressing passive interference at the coordinate processing of radar image of protracted seaborne objects. V. V. Pechenin and Ye. P. Mssalam	57	42
Application of chaotic dynamics methods for concealment of information in communication systems and networks. P. Yu. Kostenko, S. I. Sivashchenko, A. V. Antonov, and T. P. Kostenko	63	46
Improvement of radar range resolution by processing of synthesized measurements in range strobes. V. K. Klochko, V. N. Moibenko, and A. A. Yermakov.	70	51
A method for multi-pulse transmission of signals in MIMO-system. V. I. Slyusar and A. N. Dubik.	75	55