

CONTENTS

VOLUME 47

NUMBER 6

2004

RADIOELECTRONICS AND COMMUNICATIONS SYSTEMS

	PAGES	
	RUSSIAN	ENGLISH
Maximum attainable accuracy of ultra-wideband estimation of range. A. P. Trifonov, M. B. Bespalova, and A. V. Kuznetsov	3	1
Quality factor of magnetostatic oscillations in (111)-YIG films. I. V. Zavislyak and V. V. Zagorodnii	15	9
Equations of currents in an electric nonlinear vibrator excited by biharmonic ideal emf. B. M. Petrov	21	14
Shaping of SAW transducer patterns by frequency-space apodization. Ye. A. Nelin	31	21
The method of modifications for linear network analysis in the basis of the Walsh functions. A. I. Rybin	38	26
Synthesis of passive band-pass symmetric filters with regard for dissipative loss. M. Ye. Il'chenko, M. N. Guseva, and Yu. V. Kalinichenko	47	32
The properties of the full class of perfect binary arrays for 36 elements. M. I. Mazurkov and V. Ya. Chechel'nitskii.	56	39
Design of analog networks by control theory methods. Part 2: Numerical results. A. M. Zemlyak	65	45
The Fourier transform on the complex variable plane. N. A. Mironov	71	50
Magnetic spectra of aluminum-substituted films of barium hexaferrite. V. I. Kostenko, T. G. Chamor, and L. V. Chevnyuk.	77	55