

CONTENTS

VOLUME 47

NUMBER 11

2004

RADIOELECTRONICS AND COMMUNICATIONS SYSTEMS

	PAGES	
	RUSSIAN	ENGLISH
Estimation of pulse repetition period with the use of a recirculator. A. P. Trifonov and N. V. Ledovskikh	3	1
Analysis of the second-order statistical characteristics of a rapidly fading radio signal. V. I. Parfyonov	13	9
Analysis of detection efficiency of signals discretely coded in frequency in the presence of passive clutter. V. Ya. Plyokin and Nguen Thang Khyng	21	14
Time compression of communication channels based on super-Rayleigh resolution of signals with additional gating of ADC samples. V. I. Slyusar, D. V. Slyusar, and Yu. V. Stolyarchuk	30	21
Orthogonal multicarrier modulation with the use of Hartley's transform. A. B. Kokhanov and V. V. Zakharov	38	27
The Hartley transform of signal convolution. V. L. Seletkov.	45	32
Modernization of Pearson's distributions for approximation of experimental distributions of radar signals. I. G. Karpov and Ye. A. Galkin	52	37
Synthesis of linear equalizers by the simple iteration method. Ye. B. Solovyova	61	44
Parameter determination of the physical equivalent circuit for the dual-gate MESFET. N. A. Filinyuk and D. V. Gavrilov	71	51
Synthesis of a shaping filter for a Markov's chain. A. A. Ilyukhin and A. N. Osipov	76	55