The generalized indeterminacy function of a space-surface bistatic radar system with synthetic aperture of the transmitter. V. I. Kostylyov and V. M. Petrov ........................................ 3 1
Derivation of images in a radar system with synthetic aperture by zero manifolds of the two-dimensional spectrum of a trajectory signal. P. Yu. Kostenko, V. O. Khrapchinskii, and D. V. Minyukov .................................................. 12 8
Simultaneous optimal control of search and observation of conditionally determinate dynamic objects in a pulse multichannel measurement-and-search system. A. A. Strotsev .................................................. 22 15
A method of investigation of the linear dynamic range of reception channels in a digital antenna array. V. I. Slyusar .......................................................... 29 20
The receiver for superlong-range pulse radar. Part 1 — high-frequency processing of sounding signals in the acquisition receiver. A. G. Sorochan ............. 39 26
Optimal estimation of coordinates of alternatively observed elements of a multiple target distributed in space. I. V. Milouserdo and A. V. Ryabov .................. 47 32
A Kalman algorithm for reconstruction of blurred radar images. V. K. Klochko, Ye. P. Churakov, and S. O. Fat’yanov .................................................. 54 38
A method for simulation of echo-signals from ground surface based on recurrent algorithms. I. S. Tyryskhin .................................................. 59 42
The masking of radar images of extensive objects by multiplicative retransmitted interference. I. F. Kupryashkin and V. P. Likhachov .................. 62 45
Simulation of spontaneous radiation by the transmitting channel with a CO₂-laser. A. Yu. Koziratskii .................................................. 67 49
Nonlinear measurement of range to a radio radiation source by the method of deliberate cross modulation of its signals. V. B. Avdeyev and S. N. Panychev ........ 74 54
Feasibility conditions of a few-point statistical model of a complex radar target. I. M. Kozlov .................................................. 78 57