

List of key publications:

"Cryogenic electronics and systems of signal processing in radars, radio navigation, communication and automation of scientific experiment" research group

Measuring system for simultaneous registration of EMI signals and mechanical parameters of deformation of rock samples in laboratory experiments / A. G. Vostretsov, G. I. Kulakov, A. A. Bizyaev, G. E. Yakovitskaya // Journal of Mining Sciences. – 2017. – iss. 6. – P. 204-210.

Spectroscopy of a superconducting flux qubit in a quasidispersive mode / B. I. Ivanov, I. L. Novikov, A. N. Sultanov, Y. S. Greenberg, A. V. Krivetskii, A. G. Vostretsov, E. Il'ichev // JETP Letters (Journal of Experimental and Theoretical Physics Letters). - 2016. - Vol. 103, iss. 6. - P. 425-430.

Method of Detecting the Absorption of Gamma Rays Propagating in a Nitrogen-Containing Compound / S. Radchenko, A. Vostretsov, A. Burdakov, A. Kuznetsov, Y. Sulyaev // Optoelectronics, Instrumentation and Data Processing. - 2010. Vol. 46. No 3, pp. 222-228.

Recent Advances in Stochastic Modeling and Data Analysis / Christos H Skiadas, Veniamin A. Bogdanovich, Aleksey G. Vostretsov, et al.. - Singapore, World Scientific Publishing Co. Pte. Ltd, 2007. - 655 p.

Bogdanovich V.A., Vostretsov A.G. The theory of stable detection, discernment and evaluation of signals. 2nd edition, corrected - M.: FIZMATLIT, 2004. – 320 p.

Registration and processing of rocks electromagnetic radiation signals / M. V. Kurlenya, A. G. Vostretsov, G. I. Kulakov, Yakovitsky G. E. – Novosibirsk, SB RAS, Publishing House 2000. – 232 p.

Invariant algorithms for signal detection in radar systems with digital television illumination / V. A. Bogdanovich, A. G. Vostretsov, N. S. Stenyukov // Journal of Communications Technology and Electronics. - 2015. -Vol. 60, iss. 4. - P. 386-392