

**DETECTORS FROM CdTe AND CdZnTe FOR SPECTROMETRY GAMMA  
AND ALPHA OF RADIATIONS**

**V. V. Levenets, O. P. Omelnyk, A. O. Shchur, V. M. Borysenko,  
V. E. Kutny, A. V. Rybka, I. N. Shlyakhov, O. O. Zakharchenko**

Results of examination of spectrometer performances CdTe (CdZnTe) detectors are submitted at recording gamma radiations in a range of 15 - 500 keV, and alpha radiations in a range of 4 - 8 MeV. It was shown, that such detectors may be used for the solution of analytical problems with definition of elements from lanthanum up to plutonium with recording X-ray of K-series and a spectrometry of particles in the method of NRA and at identification of isotopes.