MD.5. Photodiode with sensibility control using the gyration Title phenomenon SÎRBU Nicolae. DOROGAN Valerian. DOROGAN Andrei, STAMOV Igor, NEMERENCO Lucretia, Authors REIAN Nicolae Micro-Optoelectronics Laboratory / Technical Institution University of Moldova Patent no. Pending Diodes with narrow sensibility band had been elaborated basing on birefringent and gyrotropic CdP₂ crystals. The photodiode represent a semiconductor film in which two optic waves are propagating. The phenomenon and particularities of gyration influence the spectral **Description EN** characteristics of p-n photodiodes and Schottky diodes. This allows controlling the characteristics, presenting

characteristics of p-n photodiodes and Schottky diodes. This allows controlling the characteristics, presenting negative and positive dispersion values from λ_o wavelength, where the values of n_o , n_e refraction indexes intersect.

Class no. 5. Industrial and laboratory equipments