

**DETERMINATION OF THE PARAMETERS OF PROTOTYPE OF “GAMMA”  
INSTALLATION AT THE IREN FACILITY**

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On the flight bases of the 4th (11 meters) channels of the IREN facility, neutron flux density measurements were performed in the neutron energy range from 0.4 eV to 1500 eV. The neutron fluxes (thermal and resonance) were determined using gold foils. The parameters of the resolution function have also been determined and their values, obtained from experimental measurements for several neutron energies, are in good agreement with the calculations.