

16. INSTALLATION FOR MEASURING OF TEMPORAL AND POWER SPECTRUMS OF $\gamma\beta(e + e_0)$ -COINCIDENCES

V. T. Kupryashkin, N. F. Mitrokhovich

It is described special installation for measuring of double and triple coincidences γ -quanta and β -particles with low-energy electrons (including the e_0 -electrons of second electronic emission near-zero of energy) – $(\gamma, \beta)(e, e_0)$ -coincidences, containing two unthreshold detectors of electrons on the base micro channel plates and one detector γ -quanta (Ge(Li) or NaJ(Tl)), which is aimed for the determination of internal conversion coefficients on e_0 -electrons from radiation vacancy by proper measuring methods and also for the research on e_0 -electrons “shake off” effects upon β -decay. The measuring results with ^{152}Eu are given.