

Registration of the photon echo signals in the photon counting mode

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Abstract

The method of registration of weak light pulses in a mode of the photon counting is discussed. The principle of photon counting, its key points and operating circuit configuration, as well as characteristics of photomultiplier tubes and basic characteristics of the photon counting is explained. The appendix of techniques of the photon counting for experiments in the field of a photon echo is considered.

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Keywords

Photon counting, Photon echo