Features of four-photon parametric scattering of light in water in the presence of stimulated Raman scattering

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Connection of a signal of four-photon parametrical scattering with process SRS of laser radiation in water is established. The structure of spectrum of nonlinear scattering caused by intermolecular libration vibrations of water molecules was found out on a threshold of occurrence SRS.

Keywords: parametrical interaction in a liquid, water structure, active spectroscopy of coherent light scattering.

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