



An introduction to Stimulated Raman Scattering and its Applications in Optical Fiber Communications

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Abstract

The nonlinear scattering effects in optical fiber occur due to inelastic-scattering of a photon to a lower energy photon. This review presents the stimulated Raman scattering and some of its applications in fiber optic communications.

Keywords: Fiber nonlinearities; Stimulated Raman Scattering; Optical fiber Communications; SRS Applications; Inelastic-scattering.