

## Effective interaction of a photon with a strong laser field

Gainutdinov R., Mutygullina A., Khamadeev M.  
*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

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### Abstract

The problem of nonlocality of effective interaction of radiation field with a strong classical electromagnetic field has been investigated. The interaction operator allowing one to take into account the natural nonlocality of such a process is derived from the analysis of ordered diagrams of quantum electrodynamics. © Allerton Press, Inc. 2008.

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