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Green's Function for Particle of Spin 0 and 1/2 in the Field of Volkov Plane Wave

Nadia CHINE¹, Lyazid CHETOUANI²

¹Laboratoire de Physique Théorique, Université de Jijel-ALGERIA

²Département de physique, Faculté des Sciences Exactes Université Mentouri,
Constantine-ALGERIA

e-mail: chetoua1@caramail.com

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[Authors](#)

Abstract: The Green's functions for relativistic particles, with and without spin in interaction with an electromagnetic plane wave, are obtained via Parisi-Wu stochastic quantization method after having solved the corresponding Langevin equation.

Key Words: Green's function; Langevin equation; stochastic quantization.



phys@tubitak.gov.tr

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