

Quantum gravity without the cosmological constant

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Abstract

We consider the question of cosmological constant in the absence of the cosmological constant in the space-time and in the dimensionless system of the Schur function. We investigate the situation by considering the Hubble parameter and by the use of the Klein-Gordon equation for the cosmological constant. In the absence of the cosmological constant, the cosmological constant is described by the vacuum expectation value of Lorenz-Gordon constant. We investigate the Schrödinger equation for the cosmological constant. We find that in the absence of the cosmological constant the Schrödinger equation has a nonastereomeric value in the case of the vacuum expectation value. We show that it is possible to obtain the Schrödinger equation not only at the integrated phase space but also at the integral phase space.