

CALCULATION OF RADIATIVE CORRECTIONS OF THE LOOP FOR THE FERMIONIC FIELD FOR THE GAUGE FIELD PROPAGATOR OF NONCOMMUTATIVE GAUGE SUPERSYMMETRIC THEORY

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Abstract

In this paper, we calculate the contribution of the loop for the fermionic field for the Gauge field propagator of noncommutative Gauge supersymmetric theory in two dimensions in Minkowski space. We have found that this contribution is equal to that of the commutative theory, which gives rise to ordinary UV singularities.