

MIYANISHI, Yoshihisa (Osaka)

Title:

”Low energy approximations for Feynman path integrals on the sphere”

Abstract:

We shall define the oscillatory integrals by action integrals, Van Vleck determinant and Dewitt curvature. Our method employs action integrals along the shortest paths. We have the strong but not uniform convergence of time slicing Feynman path integrals for low energy functions.

References

- [1] Yoshihisa Miyanishi:
Remarks on low-energy approximations for Feynman path integration on the sphere