

Yukawa scattering treated by the Quantum dynamical principle

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Yukawa scattering is pedagogically interpreted, by the Schwinger's quantum dynamical principle involving the generating function, which is replaced by a functional differential operation. As for the results, we get the asymptotically free Green function that explains the behavior of the Yukawa potential when the mass parameter is increasing. And it can also lead to scattering amplitude and differential cross section respectively.

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