

# Vacuum oscillations in the presence of vacuum

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## Abstract

We study the effect of the vacuum on the dynamics of a point particle in the presence of a vacuum. We find that the effect of the vacuum changes the oscillation frequency of the point particle. The frequency of the point particle depends on the angle of the vacuum angle. In the presence of the vacuum, the oscillations frequency is found to be the same as in the absence of the vacuum. According to our results, it is very difficult to obtain the vacuum oscillation frequency in the presence of the vacuum.