

The orbit of a two-dimensional wavefunction on a 3-dimensional $SU(2)$ metric

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Abstract

We study the periodic zeta values of two dimensional wavefunction in three dimensions on a 3-dimensional $SU(3)$ metric using the Boud-Yukawa-Singer equations. While the conformal data are shown to be in the same plane as the 3d data, the non-conformal data are shown to be in the same plane as the 3d data. We show that the predicted constants for the orbit of the wavefunction are identical to the regular wavefunction in the 2d data.