

Symmetry of Double Dimensional QFTs in a Classical R -CFV Schwarzschild Black Hole

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Abstract

We study the double-dimensional quantum field theory of R -CFV Schwarzschild black holes in a classical R -CFV Schwarzschild black hole background. We determine the following symmetric and non-symmetric solutions of the double-dimensional quantum field theory by properly fitting the canonical model of R -CFV black holes. We construct the canonical model of the double-dimensional QFTs using the structural equation-of-state (SEW) of the R -CFV black hole background in the presence of the R -CFV black hole. We determine the canonical model of the double-dimensional QFTs in terms of the SEW. We limit our study to the case where the boundary conditions are satisfied with respect to the canonical model of R -CFV black holes. We find that the canonical model of the double-dimensional quantum field theory is the model of the second-order quantum field theory of R -CFV black holes.