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## Wormholes In A Theory Of Complex Scalar Phantom Field

We study the wormholes in a theory involving massive complex scalar phantom field coupled to gravity. We consider a specific model defined by a certain action and a particular metric tensor and appropriate boundary conditions which provide us the desired wormhole solution. We construct the mathematical formalism for our model and obtain the Einstein equation and the matter field equations and discuss the physics of wormholes expected to result from our model.

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