

Holographic superconductor is an important arena for holography, as it allows concrete calculations to further understand the dictionary between bulk physics and boundary physics. An important quantity of recent interest is the holographic complexity. Conflicting claims had been made in the literature concerning the behavior of holographic complexity during phase transition. Recently, we have clarified this issue by performing a numerical study on one-dimensional holographic superconductor. By this investigation, we can also shed light on the relation between holographic complexity and fidelity susceptibility. In this talk, I will present this study.