



Contribution ID: 3

Type: talk

Sound Propagation in the Ellis Wormhole

Wednesday, 25 September 2019 10:05 (20 minutes)

For the simplest case of Ellis Wormhole (WH) the fluid moving through the mentioned metrics is considered. For this purpose, the set of linearized equations composed of the Euler and continuity equations is examined. The propagation of sound waves has been considered and corresponding non-trivial analytical and numerical results –obtained.

Primary author: Prof. OSMANOV, Zaza (Free University of Tbilisi)

Presenter: Prof. OSMANOV, Zaza (Free University of Tbilisi)

Session Classification: Faster Than Light - SpaceTime Navigation