

Causality and c-completion of multiwarped spacetimes

LUIS ALBERTO AKÉ HAU.

Universidad de Málaga, Departamento de Álgebra, Geometría y Topología.
luisake@uma.es

ABSTRACT

We discuss the causal properties of doubly warped spacetimes and the causal boundary of these spacetimes. Some applications of our results in examples of physical interest are considered: Schwarzschild spacetimes, Reissner Nordström and in the context of Maldacena's conjecture. This talk is based on the joint work with J.L. Flores and J. Herrera in [1].

References

- [1] L. Aké, J.L. Flores and J. Herrera, *Causality and c-completion of doubly warped spacetimes*, *arXiv:1709.00234*.