

# On the Geometric Structure of Ori Spacetimes

Mike Scherfner

March 14, 2011

Starting in 1993 A. Ori published three spacetimes violating the chronology condition, being close to physical reality in some sense. We would like to reveal the differential geometric structure of these models, i.e. CTCs in detail, geodesics and symmetry and we will construct a new model of Ori-type starting from a Kerr metric. The origin of this talk is an article together with J. Dietz and A. Dirmeier.