

Maria Gabach-Clement

Max Planck Institute, Albert Einstein Institute

The conical singularity in axisymmetric multiple black hole configurations

Authors: Maria E. Gabach-Clement

We study the problem of N interacting, axisymmetric black holes and analyse the presence of a conical singularity on the bounded components of the symmetry axis. We obtain and discuss relations among physical parameters of the system (such as angular momentum and horizon area) and the deficit angle at the axis.