

Orbifolds all of whose geodesics are closed

Thursday, November 8, 2018 4:30 PM (50 minutes)

Manifolds all of whose geodesics are closed have been studied a lot, but there are only few examples known. The situation is different if one allows in addition for orbifold singularities. In the talk we discuss such examples and their properties. In particular, we explain rigidity phenomena of the geodesic length spectrum and of metrics with all geodesics closed in dimension two.

Summary

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