



PROJECTIVE INFINITY WITH SPHERICAL SYMMETRY IN SPACE-TIME GEOMETRY

DONATO BINI and GIAMPIERO ESPOSITO

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This paper points out that, in a four-dimensional spherically symmetric spacetime manifold, one can consider coordinate transformations expressed by fractional linear maps which give rise to isometries and make it possible to bring infinity down to a finite distance. Schwarzschild and Nariai spacetimes are then described in projectively transformed coordinates.

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