

A note on the geodesic-ray property in manifolds without conjugate points

ABSTRACT

Let W_n be a C^0 complete, simply connected n -dimensional Riemannian manifold without conjugate points. The relationship between geodesic-ray property, starshapedness and convexity are established in W_n . Furthermore, some examples are given.

Keyword: Convex set; Manifolds without conjugate points; Starshaped sets