ICM 1998, Berlin, Aug. 18–27

Abstracts of Short Communications and Posters

Section:

5. Differential Geometry and Global Analysis

1991 MS Classification: 53C20, 53C30, 53C35, 53B20
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Curvature Homogeneous Spaces and Related Topics

We study contact of higher order of Riemannian manifolds (or metrics). The main results concern curvature homogeneous Riemannian manifolds of arbitrary order and envelopes of Riemannian metrics of the 1st and 2nd order.