CURVATURE PROPERTIES
OF SOME HYPERSURFACES IN SPACES OF CONSTANT CURVATURE

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Abstract. We present curvature properties of pseudosymmetry type of some hypersurfaces in semi-Riemannian spaces of constant curvature. Results related to this talk are contained in the following papers: [1], [2], [3] and [4].

References

[1] R. Deszcz and M. Głogowska, *Some examples of nonsemisymmetric Ricci-semisymmetric hypersurfaces*, Colloq. Math., in print.

[2] R. Deszcz and M. Głogowska, *On nonsemisymmetric Ricci-semisymmetric warped product hypersurfaces*, Dept. Math., Agricultural Univ. Wrocław, Report No. **90**, 2000.

[3] R. Deszcz, M. Głogowska, M. Hotloś, and L. Verstraelen, *On some generalized Einstein metric conditions on hypersurfaces in semi-Riemannian space forms*, Dept. Math., Agricultural Univ. Wrocław, Report No. **99**, 2001.

[4] M. Głogowska, *On a curvature characterization of Ricci-pseudosymmetric hypersurfaces*, Dept. Math., Agricultural Univ. Wrocław, Report No. **97**, 2001.

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