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Corey M Dunn* (cdunn@darkwing.uoregon.edu), Mathematics Department, University of Oregon, Eugene, OR 97403. *A New Family of Curvature Homogeneous Pseudo-Riemannian Manifolds*. Preliminary report.

We discuss a new family of curvature homogeneous pseudo-Riemannian manifolds. Suitable isometry invariants will be given showing these manifolds are not locally homogeneous in general. (Received September 23, 2005)