1063-53-95 **Curtis Pro*** (`pro@math.ucr.edu`) and **Frederick Wilhelm**. *On The Rigidity of Riemannian Submersions of Nonnegatively Curved Manifolds.*

We show that any zero-curvature plane in the base space of a Riemannian submersion of a nonnegatively curved manifold exponentiates to a flat, provided that a single horizontal lift is tangent to a flat. (Received August 09, 2010)