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Nonpositively curved manifolds containing a prescribed nonpositively curved hypersurface

T. Tam Nguyen Phan

(Submitted on 1 Jun 2012 (v1), last revised 14 Jun 2012 (this version, v2))

We use pinched smooth hyperbolization to show that every closed, nonpositively curved \$n\$-dimensional manifold \$M\$ can be embedded as a totally geodesic submanifold of a closed, nonpositively curved \$(n+1)\$dimensional manifold \$\hat{M}\$ of geometric rank one.

Comments: 2 pages, to appear in the Topology Proceedings of the 2012

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