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Positive curvature on a 3-Sasakian 7-manifold.

We discuss a construction of a positively curved metric on a 3-Sasakian manifold obtained as a connection metric over a conformal self-dual Einstein orbifold. The method amounts to using a trick of Thorpe to test the positivity of the sectional curvature of a related curvature operator. (Received August 04, 2009)