

COMPACT HOMOGENEOUS EINSTEIN 7-MANIFOLDS

Yu. G. Nikonorov

In this article, we classify invariant Einstein metrics on simply connected compact homogeneous spaces of dimension 7 with a semisimple motion group.

Key words and phrases: Riemannian manifold, homogeneous space, Einstein metric.

Yurij Gennad'evich Nikonorov
Altai State University,
Rubtsovsk Industrial Institute,
658207 Rubtsovsk, Russia.
E-mail: nik@inst.rubtsovsk.ru

Received
December 9, 1999

Translated into English:

Siberian Advances in Mathematics, V. 11, N 1, 84–99 (2001).