

Year: 2008

Vol.: 72

Fasc.: 3-4

Title: Curvature of locally conformal cosymplectic manifolds

Author(s): Maria Falcitelli

Locally conformal cosymplectic manifolds are investigated from the point of view of the curvature. Particular attention to the $N(k)$ -nullity condition is given and classification theorems in dimension $2n + 1 \geq 5$ are stated. This also allows to classify locally conformal cosymplectic manifolds which are locally symmetric spaces.

Address:

Maria Falcitelli
Dipartimento di Matematica
Campus Universitario
Via E. Orabona, 4
70125 Bari
Italia
E-mail: falci@dm.uniba.it