

Year: 2011

Vol.: 78

Fasc.: 3-4

Title: Some applications of Bochner formula to submanifolds of a unit sphere

Author(s): Guoxin Wei

The aims of this paper are to give estimates for the eigenvalue of the Laplacian on submanifolds in a unit sphere $S^{n+p}(1)$ and to give some new characterizations of spheres in $S^{n+p}(1)$.

Address:

Guoxin Wei
School of Mathematical Sciences
South China Normal University
510631, Guangzhou
China