| Year: 2012 | Vol.: 81 | Fasc.: 3-4

Title: Slant submanifolds of quaternionic space forms

Author(s): Gabriel Eduard Vîlcu

In this paper we establish some inequalities concerning the k-Ricci curvature of a slant submanifold in a quaternionic space form. We also obtain obstructions to the existence of quaternionic slant immersions in quaternionic space forms with unfull first normal bundle.

## Address:

Gabriel Eduard Vîlcu Petroleum-Gas University of Ploiești Department of Mathematics Bulevardul București 39 100680 Ploiești Romania

## Current address:

University of Bucharest Faculty of Mathematics and Computer Science Research Center in Geometry, Topology and Algebra Str. Academiei 14 70109 București Romania