

**SPECTRE DES LAPLACIENS
DE LICHNEROWICZ SUR LES SPHÈRES
ET LES PROJECTIFS RÉELS**

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Abstract

In this paper, we compute the spectrum of the Lichnerowicz laplacian on the symmetric forms of degree 2 on the sphere S^n and the real projective space $\mathbb{R}P^n$. This is obtained by generalizing to forms the calculations of the spectrum of the laplacian on functions done via restriction of harmonic polynomials on euclidean space.
