Abstract

We present a joint work with Clemens Weiske and Genkai Zhang (Sweden). It shows a branching law for compact symmetric pairs K\subset G of quaternionic type. Precisely to say, K is a product of a simple group M and an SU(2) factor. We describe the multiplicities m(\lambda,m)=\dim\Hom_{K}(V_{G,\lambda},S^{m}(C^{2})), where C^{2} is the natural representation of SU(2).