Lukáš Krump Construction of BGG sequences for AHS structures

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Abstract: This paper gives a description of a method of direct construction of the BGG sequences of invariant operators on manifolds with AHS structures on the base of representation theoretical data of the Lie algebra defining the AHS structure. Several examples of the method are shown.

 $\textbf{Keywords:} \ \ \text{Hermitian symmetric spaces, standard operators, BGG sequence,}$

Hasse diagram, weight graph

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