

GLOBAL AND LOCAL WEYL MODULES

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A family of infinite-dimensional modules called global Weyl modules was defined and studied by Chari and Pressley over loop algebras $\mathfrak{g} \otimes \mathbf{C}[t, t^{-1}]$, where \mathfrak{g} is a simple complex finite-dimensional Lie algebra. After a survey of some major work on these modules, this talk gives an overview of some recent results.