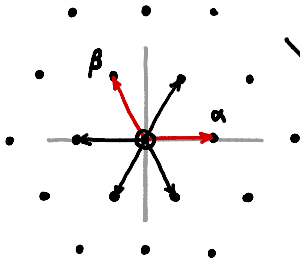


Diagrammatic Lusztig-Vogan Category

VICTOR ZHANG

Supervisors:
Anna Romanov
Pinhas Grossman

Real Lie Groups



Lusztig-Vogan
Module

$M \cap \mathcal{H}$

$$C_\delta = \delta + \sum_{\gamma < \delta} P_{\delta, \gamma}(v) \gamma$$

Categorification

$M \cap \mathcal{S} \text{Bim}$



Diagrammatics

