

# Constructing indecomposable representations over $U_q(sl(2))$ via Ore extension

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**Abstract.** In my talk, we shall discuss the infinite dimensional indecomposable representations over  $U_q(sl(2))$  via Ore extension. We obtain a class of infinite dimensional indecomposable modules which are not Harish-Chandra modules. This is a joint work with Zihua Wang.