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Hui Chen* (hchen@math.ksu.edu). *Finite dimensional representations of Weyl algebra*. Preliminary report.

We all know the Weyl algebra has no finite dimensional representations over characteristic 0 field. What I'll talk about is its finite dimensional representations over characteristic p field, and this is actually a special case of Nakajima quiver variety. This is a joint work with Zongzhu Lin. (Received July 28, 2014)