

1024-08-263

**Anthony Licata\*** ([anthony.licata@yale.edu](mailto:anthony.licata@yale.edu)), 10 hillhouse Ave. Department of Mathematics, department of mathematics, yale university, new haven, CT 06520. *Quiver Varieties and Level-Rank Duality*.

Level-Rank duality in representations of Lie algebras of affine type A has a geometric realization using cyclic quiver varieties. The quiver varieties involved are examples of a more general "symplectic duality". (Received January 11, 2007)