1012-17-44 Vyjayanthi Chari* (chari@math.ucr.edu) and Adriano A. Moura. Blocks in the category of level zero representations of classical and quantum affine algebras.

It is well-known that the category of level zero representations of the affine and quantum affine algebras are not semisimple. In this talk we determine the blocks in these categories and show how the Weyl modules play an important role in this problem. (Received August 22, 2005)