

1086-19-1991      **Viraj Navkal\*** (viraj@math.ucla.edu). *G-Theory of a Complete Local CM Ring of Finite CM Type.*

Let  $R$  be a complete local Cohen-Macaulay ring of finite Cohen-Macaulay type. By a theorem of Auslander and Reiten, the Grothendieck group of the category of maximal Cohen-Macaulay  $R$ -modules depends only on its Auslander-Reiten sequences. In this talk I will discuss an ongoing project to understand the relationship between the higher  $K$ -theory and Auslander-Reiten theory of such a category. (Received September 24, 2012)