

1086-14-1780      **Sema Gunturkun\*** (gunturkun@ms.uky.edu), Department of Mathematics, University of Kentucky, Lexington, KY 40508, and **Uwe Nagel**. *A Construction of Homogeneous Gorenstein Ideals*. Preliminary report.

In 1983 Kustin and Miller introduced a construction of Gorenstein ideals in local rings. We review their construction in the case of graded rings and modify it by avoiding ring extensions. We also discuss this construction with respect to liaison theory. (Received September 25, 2012)