1106-13-883	**Gabriel E Sosa*** (`gsosa@purdue.edu`). *On the Koszulness of multi-Rees Algebras of certain strongly stable ideals.*

Generalizing techniques that prove that Veronese subrings are Koszul, we provide explicit quadratic Gröbner basis, with squarefree initial monomials, for the defining ideals of Rees and multi-Rees algebras of certain types of principal strongly stable ideals to show that they are Koszul, normal Cohen-Macaulay domains. (Received September 08, 2014)