

1064-55-212

Igor Kriz* (ikriz@umich.edu), Department of Mathematics, University of Michigan, Ann Arbor, MI 48109-1043. *Some remarks on the Verlinde Algebra.*

I will talk about various interrelated topics concerning the Verlinde algebra. In particular, I will discuss my joint paper with Westerland (with contributions of J.T.Levin) on “string K-theory”, which involves numerical properties of the Verlinde algebra, and another joint paper with Kneezel on the completion of the Verlinde algebra, where number-theoretical properties enter in a different way. If time permits, I may discuss some observations on modular functors. (Received September 09, 2010)