

1105-14-205

Matt Kerr* (matkerr@math.wustl.edu), 153 Panofsky Lane, Princeton, NJ 08540. *Arithmetic of degenerating VHS.*

We take a look at limits of variations of mixed Hodge structure arising from degenerating families of Calabi-Yau varieties. Our main emphasis will be on examples arising from middle convolutions and from LG models associated to Fano varieties. (Received September 20, 2014)