

1116-14-2110 **Anand Patel*** (anand.patel@bc.edu). *Slopes of families of curves.*

We will survey known results about the “slope” of a one parameter family of curves, especially its relationship with geometric properties of the generic fiber. We will then invoke the traditional “function field/ number field analogies” and discuss analogous results for arithmetic surfaces. (Received September 21, 2015)