

1086-14-1305 **Laurentiu G Maxim*** (maxim@math.wisc.edu), Department of Mathematics, 480 Lincoln Drive, Madison, WI 53706. *Characteristic numbers of singular complex varieties.*

I will survey various constructions and properties of genera and characteristic numbers of singular complex algebraic varieties. In particular, I will discuss genera for the singular varieties appearing in the minimal model program, as well as those defined by Hodge theory and functorial characteristic classes. (Received September 21, 2012)