

TALK ON...

PEDRO NÚÑEZ

ABSTRACT. Script for a talk on...

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—parts in gray will be omitted during the talk—

1. EXAMPLE SECTION

Hirzebruch–Riemann–Roch [Har77, Thm. A.4.1] states that for a locally free sheaf \mathcal{E} of rank r on a nonsingular projective variety X of dimension n ,

$$\chi(\mathcal{E}) = \deg(\mathrm{ch}(\mathcal{E}) \cdot \mathrm{td}(\mathcal{T}))_n,$$

where $(\)_n$ denotes the component of degree n in $A(X) \otimes \mathbb{Q}$.

REFERENCES

- [Har77] Robin Hartshorne. *Algebraic geometry*. Springer-Verlag, New York-Heidelberg, 1977. Graduate Texts in Mathematics, No. 52.

PEDRO NÚÑEZ

ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG, MATHEMATISCHES INSTITUT
ERNST-ZERMELO-STRASSE 1, 79104 FREIBURG IM BREISGAU (GERMANY)

Email address: pedro.nunez@math.uni-freiburg.de

Homepage: <https://home.mathematik.uni-freiburg.de/nunez>

Date: 17th May 2021.

The author gratefully acknowledges support by the DFG-Graduiertenkolleg GK1821 “Cohomological Methods in Geometry” at the University of Freiburg.