SHORT NOTES ON...

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1. Example section

Hirzebruch–Riemann–Roch [**har78**] states that for a locally free sheaf $\mathcal{E}$ of rank r on a nonsingular projective variety X of dimension n,

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

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

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