TITLE

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Contents

1. First section

Let $\mathscr{F}$ be a coherent sheaf on X. Then

$$\chi(\mathscr{F}) = \sum_{i=1}^{\dim X} (-1)^i h^i(X, \mathscr{F}).$$

Definition 1.1. First definition!

Fact. *This is an unnumbered fact.*

Theorem A (Custom numbered theorem). *This theorem has custom numbering.*

References included in the .bib file by default are [Har77] and [Sta20].

References

[Har77] Robin Hartshorne. *Algebraic geometry*. Springer-Verlag, New York-Heidelberg, 1977. Graduate Texts in Mathematics, No. 52. ↑ 1

[Sta20] The Stacks project authors. The stacks project. https://stacks.math.columbia.edu, 2020. ↑ 1

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