

Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs

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Summary:

Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs Free Pdf Download Books placed by Lola Mathewson on October 23 2018. It is a file download of Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs that reader can be downloaded it for free at friendsoftheoxbownwr.org. Disclaimer, i can not upload book download Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs on friendsoftheoxbownwr.org, this is only PDF generator result for the preview.

Fourier-Mukai transform - Wikipedia In algebraic geometry, a Fourier-Mukai transform \hat{K} is a functor between derived categories of coherent sheaves $D(X) \hat{\rightarrow} D(Y)$ for schemes X and Y , which is, in a sense, an integral transform along a kernel object $K \hat{\in} D(X \tilde{\rightarrow} Y)$. Most natural functors, including basic ones like pushforwards and pullbacks, are of this type. Fourier-Mukai Transforms in Algebraic Geometry (Oxford ... This seminal text on Fourier-Mukai Transforms in Algebraic Geometry by a leading researcher and expositor is based on a course given at the Institut de Mathematiques de Jussieu in 2004 and 2005. Aimed at postgraduate students with a basic knowledge of algebraic geometry, the key aspect of this book is the derived category of coherent sheaves on. Fourier-Mukai Transforms in Algebraic Geometry - Oxford ... This book provides a systematic exposition of the theory of Fourier-Mukai transforms from an algebro-geometric point of view. Assuming a basic knowledge of algebraic geometry, the key aspect of this book is the derived category of coherent sheaves on a smooth projective variety.

Fourier-Mukai transforms - University of Bonn Basics Fourier-Mukai transform Compositions Fully faithful Equivalences Spherical twists $X, X_0 =$ smooth projective varieties $/C$ and $E \hat{\in} Db(X \tilde{\rightarrow} X_0)$. The Fourier-Mukai transform $\hat{K}: E \hat{\rightarrow} F$ with Fourier-Mukai kernel E is the composition p_* . Fourier-Mukai transforms for quotient varieties ... Fourier-Mukai transforms are now well-established as a useful tool for computing moduli spaces of sheaves on smooth projective varieties, . More recently there has been further interest in these transforms because of their connection with homological mirror symmetry. Fourier-Mukai Transforms in Algebraic Geometry - ALGANT a Fourier-Mukai transform between the derived categories of two abelian varieties. This leads us to give a very condensed exposition of the ideas of [Orl02], which develops the theory of Fourier-Mukai transforms between abelian varieties, itself an interesting topic.

Fourier-Mukai Transforms from T-Duality The relative Fourier-Mukai transform then has the form $F \rightarrow Rq_* Lp^*F$. However, it is a little less clear what the source and target categories are supposed to be, such that the transformation becomes an equivalence. An approach like that, but with fiber-bundles and taking geometry into account, can be found in [11]. Furthermore, [4] treats. Fourier-Mukai transform - Wikipedia Fourier-Mukai transform (Redirected from Mukai vector) In algebraic geometry, a Fourier-Mukai transform \hat{K} is a functor between derived categories of coherent sheaves $D(X) \hat{\rightarrow} D(Y)$ for schemes X and Y , which is, in a sense, an integral transform along a kernel object $K \hat{\in} D(X \tilde{\rightarrow} Y)$.

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