

Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs

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Summary:

Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs Download Ebook Pdf added by Oliver Moore on October 17 2018. This is a downloadable file of Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs that you could be grabbed this for free on transformhealthar.org. Disclaimer, we can not upload pdf downloadable Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs on transformhealthar.org, this is only book 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 $K \hat{\in} D(X \tilde{\times} Y)$. 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 [3]. Fourier-Mukai transforms - University of Bonn Basics Fourier-Mukai transform Compositions Fully faithful Equivalences Spherical twists $X, X_0 =$ smooth projective varieties $/C$ and $E \hat{\in} Db(X \tilde{\times} X_0)$. The Fourier-Mukai transform $\hat{K} : E$ with Fourier-Mukai kernel E is the composition p .

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 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 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 a smooth projective variety.

Fourier-Mukai Transforms from T-Duality 1.1 Fourier-Mukai Transforms Fourier-Mukai transformations, although not called that at the time, were first introduced in S. Mukai's seminal paper "Duality between $D(X)$ and $D(Y)$ ". 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 $K \hat{\in} D(X \tilde{\times} Y)$.

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