

Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs

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Summary:

Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs Download Free Ebooks Pdf placed by Imogen Barber on December 18 2018. It is a ebook of Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs that reader can be grabbed it with no cost at concernedneighborsofpilgrim.org. For your info, i can not store pdf downloadable Fourier Mukai Transforms In Algebraic Geometry Oxford Mathematical Monographs at concernedneighborsofpilgrim.org, this is just 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 $D(X) \rightarrow D(Y)$ for schemes X and Y , which is, in a sense, an integral transform along a kernel object $K \in D(X \times Y)$. Most natural functors, including basic ones like pushforwards and pullbacks, are of this type. Fourier-Mukai transforms - University of Bonn Basics Fourier-Mukai transform Compositions Fully faithful Equivalences Spherical twists $X, X_0 =$ smooth projective varieties $/\mathbb{C}$ and $E \in \text{Db}(X \times X_0)$. The Fourier-Mukai transform $\hat{K}: E \rightarrow D(X)$ with Fourier-Mukai kernel E is the composition p_* . Fourier-Mukai Transforms arXiv:math/0402043v2 [math.AG] 18 ... Given Fourier-Mukai X, Y it is also interesting to precisely classify the Fourier-Mukai transforms $D_b(Y) \rightarrow D(X)$ (it is usually sufficient to consider $X = Y$). This is generally a much harder problem which has been solved in only a few.

FOURIER MUKAI TRANSFORMS AND APPLICATIONS TO STRING ... - UV a relative Fourier-Mukai transform. More generally, D-branes can be interpreted as objects of the derived category, one then expects the Fourier-Mukai transform (or its relative version) to act on the spectrum of D-branes. This suggests that the Fourier-Mukai transform is actually a symmetry of string theory. 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 and Nahm Transforms in Geometry and ... "Fourier-Mukai and Nahm Transforms in Geometry and Mathematical Physics" examines the algebro-geometric approach (Fourier-Mukai functors) as well as the differential-geometric constructions (Nahm). Also included is a considerable amount of material from existing literature which has not been systematically organized into a monograph. Fourier Mukai transforms and applications to string theory aspects of the Fourier-Mukai transforms for them. We also define spectral covers and so prepare further applications in Section 7. The computation of the topological invariants of the Fourier-Mukai transform is given in section 5. Section 6 is devoted to the application of the Fourier-Mukai transform to certain moduli.

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geometric fourier transforms mukai