

Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics

Summary:

Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics Download Pdf Free placed by Henry Lopez on October 15 2018. It is a pdf of Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics that visitor could be downloaded it for free at hccngala.org. Just info, we dont upload file downloadable Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics on hccngala.org, it's only ebook 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 $K \in D(X \times Y)$. **FOURIER-MUKAI PARTNERS OF SURFACES IN POSITIVE CHARACTERISTIC** **FOURIER-MUKAI PARTNERS OF K3 SURFACES IN POSITIVE CHARACTERISTIC** **MAX LIEBLICH AND MARTIN OLSSON** **CONTENTS** 1. Introduction 2. Mukai motive 3. Kernels of Fourier-Mukai equivalences 9. big picture - Heuristic behind the Fourier-Mukai transform ... The Fourier-Mukai transform in algebraic geometry gets its name because it at least superficially resembles the classical Fourier transform. (And of course because it was studied by Mukai.) Let me give a rough picture of the Fourier-Mukai transform and how it resembles the classical situation.

Fourier-Mukai transforms for quotient varieties ... A Fourier-Mukai (FM) transform is an exact equivalence $\hat{K} : D(Y) \rightarrow D(X)$ between the bounded derived categories of coherent sheaves on two smooth projective varieties X and Y . **Fourier-Mukai transforms - University of Bonn** **Basics** **Fourier-Mukai transform** **Compositions** **Fully faithful** **Equivalences** **Spherical twists** $X, X_0 = \text{smooth projective varieties } /C \text{ and } E \in \text{Db}(X \times X_0)$. The Fourier-Mukai transform $\hat{K} : E$ with Fourier-Mukai kernel E is the composition p_* . **Fourier-Mukai transforms and Bridgeland stability ...** **FMTs and stability conditions on abelian threefolds in the literature**) of the heart of the stability condition. In this paper we use Fourier-Mukai.

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. **M-REGULARITY AND THE FOURIER-MUKAI TRANSFORM** **M-REGULARITY AND THE FOURIER-MUKAI TRANSFORM** **GIUSEPPE PARESCHI AND MIHNEA POPA** **Abstract** This is a survey of M-regularity and its applications, expanding on lectures given by the second author at the Seattle conference, in August 2005, and at the Luminy workshop.

fourier mukai transform