

Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics

Summary:

Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics Free Ebook Pdf Downloads uploaded by Lucy Connor on October 24 2018. This is a book of Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics that you could be grabbed it with no cost on lbcca.org. Disclaimer, i dont store book download Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics on lbcca.org, this is 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 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 Fourier-Mukai and string theory explicit description of stable holomorphic vector bundles was required and inspired the seminal work of Friedman, Morgan and Witten [58, 59, 61]. **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 transform