

Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics

# Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics

## Summary:

Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics Pdf Download File posted by Bella Eliot on October 17 2018. This is a file download of Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics that reader can be safe this for free at southwestpateaparty.org. Disclaimer, we can not host pdf downloadable Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics on southwestpateaparty.org, it's 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  $D(X) \rightarrow D(Y)$  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 1 2. Mukai motive 3 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  $X, X_0 = \text{smooth projective varieties} / C$  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 transform on abelian surfaces | SpringerLink** We study moduli spaces of stable sheaves on abelian surfaces whose Mukai vectors are related by a cohomological Fourier-Mukai transform. We show that there is a Fourier-Mukai transform inducing a birational map between them.

Fourier-Mukai duality for K3 surfaces via Bridgeland ... Fourier-Mukai duality is a duality between a variety  $X$  and a moduli space of stable sheaves on  $X$ , which is a generalization of the duality between an abelian variety  $X$  and its dual abelian variety  $\text{Pic}^0(X)$ . In this article, we shall explain Fourier-Mukai duality for a K3 surface by using Bridgeland stability condition. **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