

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 Download Books Free Pdf hosted by Jack Propper on October 23 2018. It is a file download of Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics that visitor can be got it with no registration on exclusiveafrica.net. For your information, i do not place pdf downloadable Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics at exclusiveafrica.net, this is just 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 5 Following standard conventions, let  $K(1)$  denote the F-isocrystal whose underlying vector space is  $K$ , and whose Frobenius action is given by multiplication. 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  $X, X_0 =$  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