

Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics

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Summary:

Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics Free Ebook Download Pdf posted by Sebastian White on September 22 2018. This is a ebook of Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics that visitor can be safe it with no cost at teaintokyo.org. Just inform you, it can not place ebook download Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics on teaintokyo.org, it's just 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 1 2. Mukai motive 3 3. Kernels of Fourier-Mukai equivalences 9. big picture - Heuristic behind the Fourier-Mukai transform ... What is the heuristic idea behind the Fourier-Mukai transform? What is the connection to the classical Fourier transform? Moreover, could someone recommend a concise introduction to the subject?.

Fourier-Mukai and Nahm Transforms in Geometry and ... Buy Fourier-Mukai and Nahm Transforms in Geometry and Mathematical Physics (Progress in Mathematics, Vol. 276) on Amazon.com FREE SHIPPING on qualified orders. Fourier-Mukai and Nahm Transforms in Geometry and ... Integral transforms, such as the Laplace and Fourier transforms, have been major tools in mathematics for at least two centuries. In the last three decades the development of a number of novel ideas in algebraic geometry, category theory, gauge theory, and string theory has been closely related to. 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. The derived category is a subtle invariant of the isomorphism type of a variety, and its group of autoequivalences.

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 PARTNERS OF K3 SURFACES IN POSITIVE ... 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 10. Deformations and Fourier-Mukai transforms | Request PDF Request PDF on ResearchGate | Deformations and Fourier-Mukai transforms | The aim of this paper is twofold: First we give an explicit construction of the infinitesimal deformations of the category.

The Coherent-Constructible Correspondence and Fourier ... CCC and Fourier-Mukai Transforms 277 sheaves on MR. Please note that since toric orbifolds are smooth DM stacks, the category $\text{Perf } T(X)$ is the same as the category $\text{Coh } T(X)$, and we will use both notations interchangeably throughout the paper. 1.2 Fourier-Mukai Transforms The coarse moduli space of the toric orbifold X^{orb} is the toric variety X defined by the simplicial.

fourier mukai transform