

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 Book Pdf Downloads uploaded by Edward Schell-close on September 26 2018. This is a book of Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics that reader can be downloaded this with no registration on indiaexplored.org. Just info, this site can not store file download Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics on indiaexplored.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. 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. **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 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. 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 transform