

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 Download Free Pdf Ebooks uploaded by Jeremy Ramirez on September 24 2018. This is a copy of Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics that reader can be grabbed this for free at boardello.co.uk. Fyi, i dont place pdf downloadable Fourier Mukai And Nahm Transforms In Geometry And Mathematical Physics on boardello.co.uk, this is 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 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 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 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. FOURIER-MUKAI PARTNERS OF K3 SURFACES IN POSITIVE ... fourier-mukai partners of k3 surfaces in positive characteristic 3 of the appendix is Theorem A.1 concerning the Picard group of the general deformation of a fixed K3 surface from characteristic p to characteristic 0.

Deformations and Fourier-Mukai transforms | Request PDF The aim of this paper is twofold: First we give an explicit construction of the infinitesimal deformations of the category $\text{Coh}(X)$ of coherent sheaves on a smooth projective variety X . Secondly we. 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