

Meeting: 1001, Evanston, Illinois, SS 10A, Special Session on Differential Geometry

1001-58-15 **James F. Glazebrook*** (cfjfg@eiu.edu), Department of Mathematics and Computer Sci.,
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Kamber. *Spectral properties of the Fourier-Mukai transform.*

We consider the Fourier-Mukai transform between certain torus bundles. As a subspace of the total space of the dual torus bundle, there is a ‘spectral variety’ whose geometrical properties are discussed. (Received May 17, 2004)