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Artur Elezi* (aelezi@american.edu), Department of Mathematics and Statistics, American University, 4400 Massachusetts Ave NW, Washington, DC 10016. *A mirror conjecture for projective bundles.*

We motivate, propose and provide evidence for the relation between the \mathcal{D} -module structure of a smooth variety X and a projective bundle over it. Relations in the small quantum cohomology of the projective bundles are obtained. (Received September 27, 2006)