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Alejandro Uribe*, Mathematics Department, University of Michigan, 530 Church Street, Ann Arbor, MI 48104. *Quantum cutting and asymptotics of zeroes of orthogonal polynomials*. Preliminary report.

I will discuss the quantum analogue of the operation of symplectic cutting, and apply it to obtain new proofs of asymptotic results on the distribution of zeroes of a large class of discrete orthogonal polynomials. (Received February 04, 2008)