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**T. Cobler\*** (tim.cobler@gmail.com) and **M. L. Lapidus**. *Quantized Modular Forms and Elliptic Curves*.

H. Herichi and M. L. Lapidus formalized the idea of the quantized Riemann zeta function,  $\zeta(\partial)$ , an operator whose spectrum localized the function to its values on vertical lines in the complex plane. Following their lead, we look at a different operator in order to localize further to the value of a function at a single point. This allows us to define quantized versions of the complex numbers, modular forms, and elliptic curves and study their relationships. (Received September 22, 2015)