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Lenny Fukshansky and **Hiren Maharaj*** (hmahara@g.clemson.edu). *Function Field Lattices from Elliptic Curves*. Preliminary report.

Tsfasman and Vladut introduced a construction of lattices, called function field lattices, from algebraic curves over finite fields in their book "Algebraic-Geometric codes". In this talk we will discuss properties of lattices from this construction applied to elliptic curves. In particular, we will talk about generating sets, well-roundedness and the number of minimal vectors. (Received September 10, 2013)