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Mark J. Motley* (mmotley@ms.uky.edu), 2069 Fontaine Road Apt. 15, Lexington, KY 40502.

Isomorphism Classes of Elliptic Function Fields Over a Finite Field. Preliminary report.

We determine upper and lower bounds on the number of \mathbb{F}_q -isomorphism classes of elliptic function fields over the finite field \mathbb{F}_q . (Received October 03, 2000)