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John Voight* (jvoight@gmail.com), Department of Mathematics and Statistics, University of Vermont, 16 Colchester Ave, Burlington, VT 05401. *Tables of modular elliptic curves over totally real fields.*

Employing algorithms to explicitly compute spaces of Hilbert modular forms, we provide a Cremona-like database of modular elliptic curves over totally real fields of small discriminant. We report on some interesting features of the data collected. (Received September 01, 2009)