17-CONGRUENT ELLIPTIC CURVES

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We list in the table below all known pairs of 17-congruent elliptic curves with conductor less than $360,000$.

Curves	twist of (E, E') by
$(E, E') =$([LMF13, 3675.g1],[LMF13, 47775.be1])	1
([LMF13, 3675.e1],[LMF13, 47775.q1])	-7
([LMF13, 3675.k1],[LMF13, 47775.cq1])	5
([LMF13, 3675.m1],[LMF13, 47775.dd1])	-35
([LMF13, 11025.bf1],[LMF13, 143325.es1])	-3
([LMF13, 11025.bi1],[LMF13, 143325.ei1])	21
([LMF13, 11025.n1],[LMF13, 143325.bm1])	-15
([LMF13, 11025.k1],[LMF13, 143325.bp1])	105

REFERENCES

[LMF13] The LMFDB Collaboration. The L-functions and Modular Forms Database. `http://www.lmfdb.org`, 2013. [Online; accessed 16 September 2013].

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