Tom Fisher:Â Â **On families of n-congruent elliptic curves**

Elliptic curves E and E' are said to be n-congruent if their n-torsion subgroupsÂ are isomorphic as Galois modules. The elliptic curves n-congruent to a given elliptic curveÂ are parametrised by (the non-cuspidal points of) certain twists of the modular curve X(n). IÂ will discuss methods for computing equations for these curves, and also for the surfacesÂ that parametrise pairs of n-congruent elliptic curves.
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