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On Isolated Points of Odd Degree.

Let C be a curve defined over a number field k , and suppose $C(k)$ is nonempty. We say a closed point x on C of degree d is isolated if it does not belong to an infinite family of degree d points parametrized by the projective line or a positive rank abelian subvariety of the curve's Jacobian. In this talk we will identify the non-CM elliptic curves with rational j -invariant which give rise to an isolated point of odd degree on some modular curve $X_1(N)$, where N is a positive integer. (Received August 16, 2020)