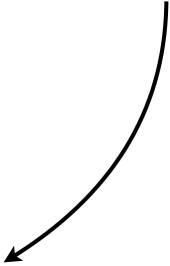


 $E: y^2 = x^3 + ax + b$

 $E': y^2 = x^3 + a'x + b'$





It has a degree

, which measures its complexity.

(it preserves the group structures we have on

Definition 1 (sketch). An isogeny is a "nice" map between elliptic curves.

 (1)