

PART 1
SQLsign

Question

given E and E' , can we find
an isogeny $\varphi : E \rightarrow E'$?

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easy

easy to verify that
some isogeny exists,
e.g. that E and E'
are **isogenous**

hard

actually giving an
isogeny $\varphi : E \rightarrow E'$
or some way to
compute this