PART 1 SQIsign

Question

given supersingular E, can we find weird, funky endomorphisms $\omega \in \operatorname{End}(E)$?



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easy

easy to verify that such endoms exists, e.g. that E is supersingular

hard

actually giving an endom. $\omega \in \operatorname{End}(E)$ or some way to compute this

