Hashing to Elliptic Curves

https://datatracker.ietf.org/doc/draft-irtf-cfrg-hash-to-curve/

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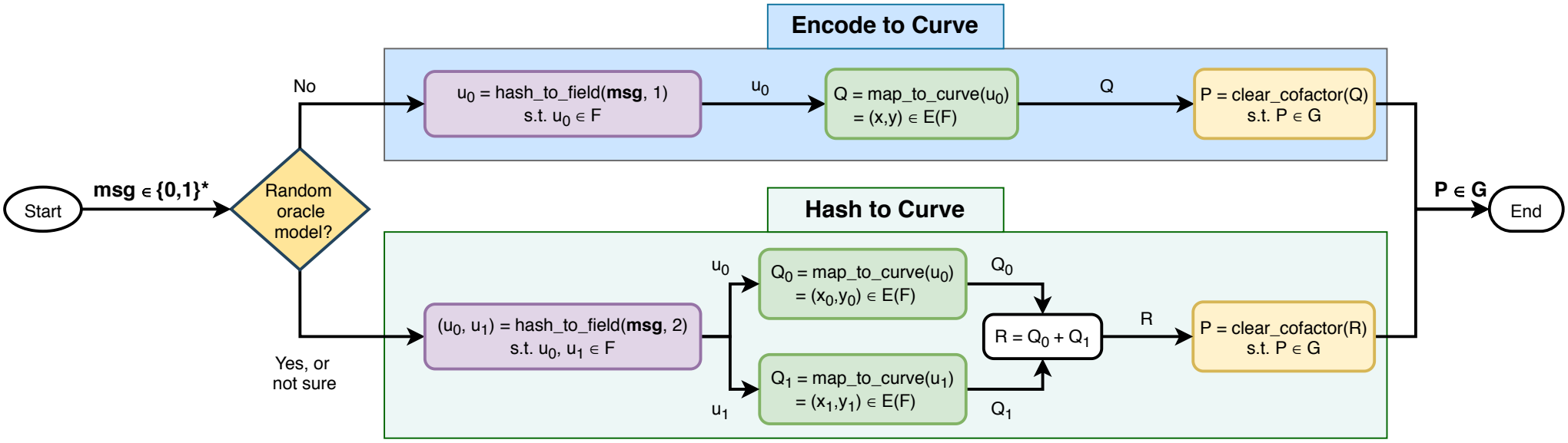
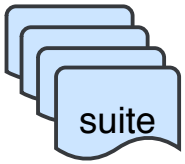


A **suite** is a concrete set of algorithms and parameters for an elliptic curve group.



The document provides a set of suites for encoding or hashing messages into elliptic curve points.

Parameters

F : A finite field.
E : An elliptic curve defined over F.
E(F) : The group of points generated by E.
G : A prime order subgroup of E(F).