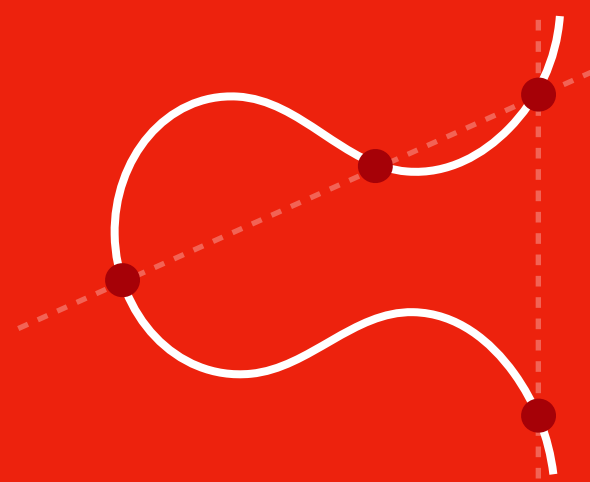


**Hence, fast pairings
means fast solutions**

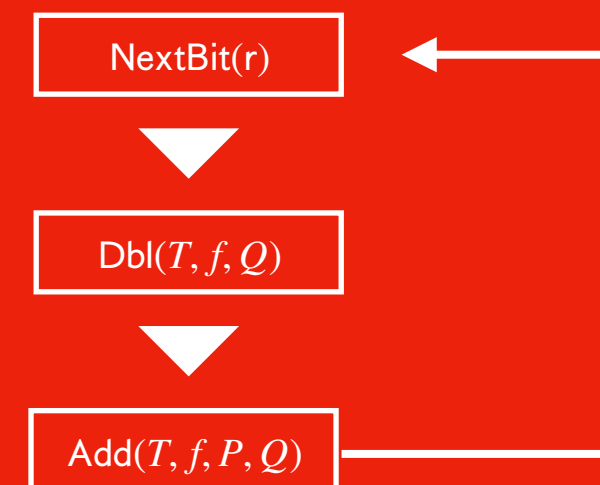
Effective Pairings in Isogeny-based Cryptography

1



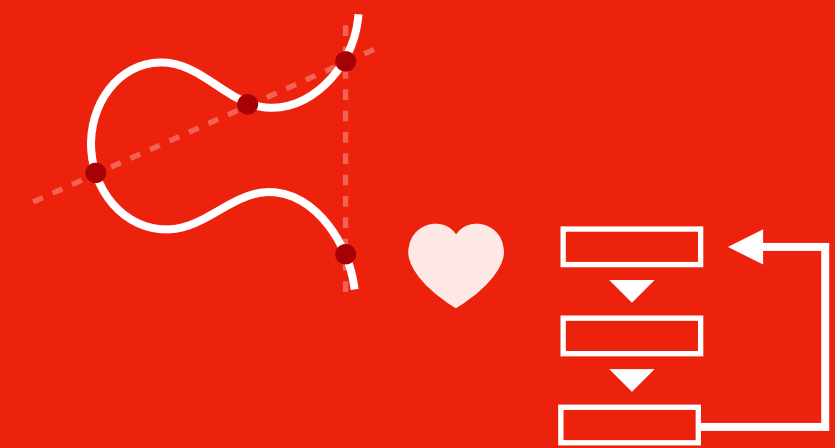
**Isogenies
& Pairings**

2



**Speeding-up
general pairings**

3



**Applying pairings
in isogeny crypto**