
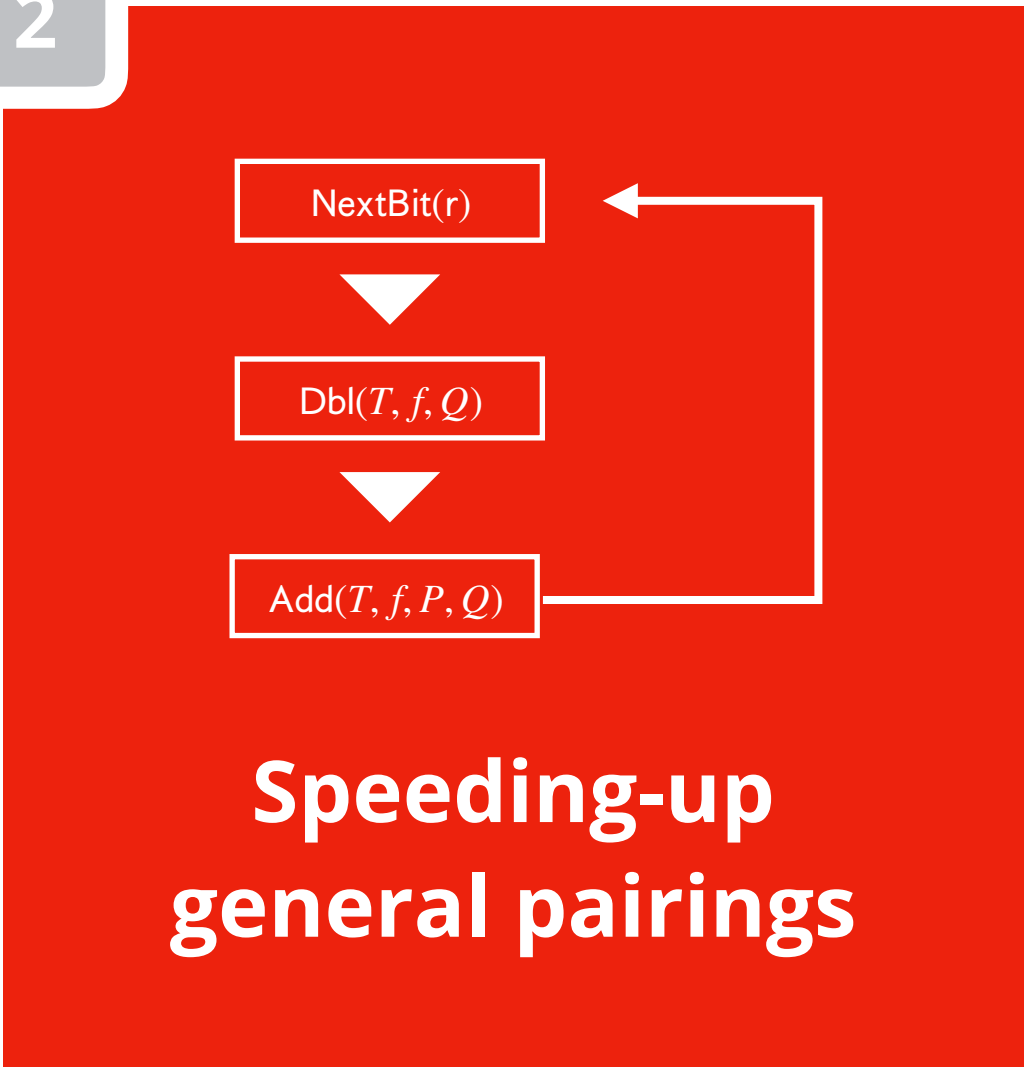


2



general notice

Computing pairings fast is quite technical.
Better suited for papers than slides




core idea

For $P \in E(\mathbb{F}_p)$ and $Q \in E^t(\mathbb{F}_p)$,
don't use curve arithmetic
but pairing $e(P, Q)$ to get
overlap in orders!


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 **general approach**

Instead I describe the general approach,
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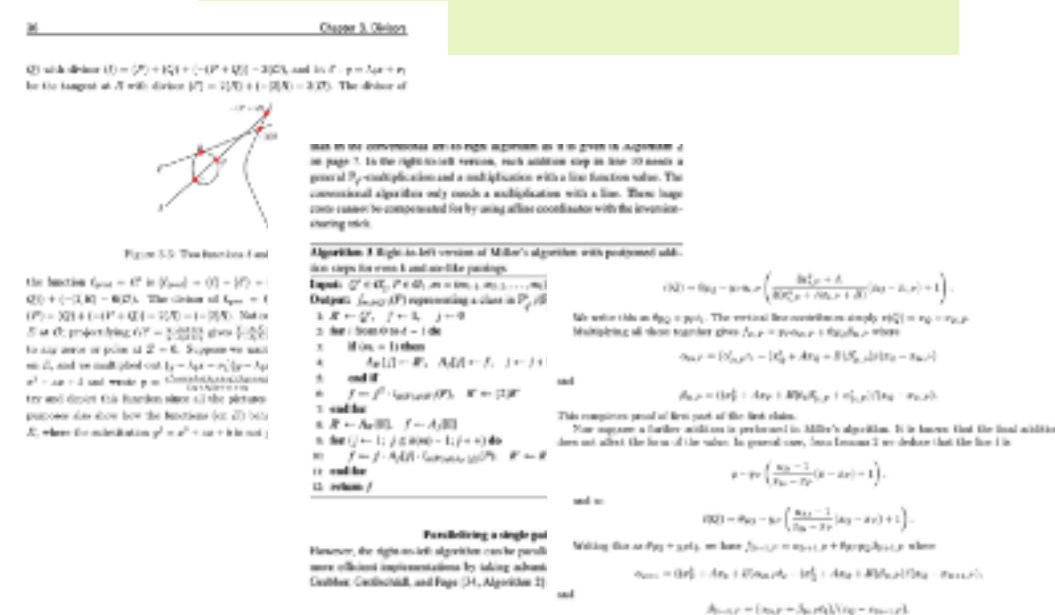
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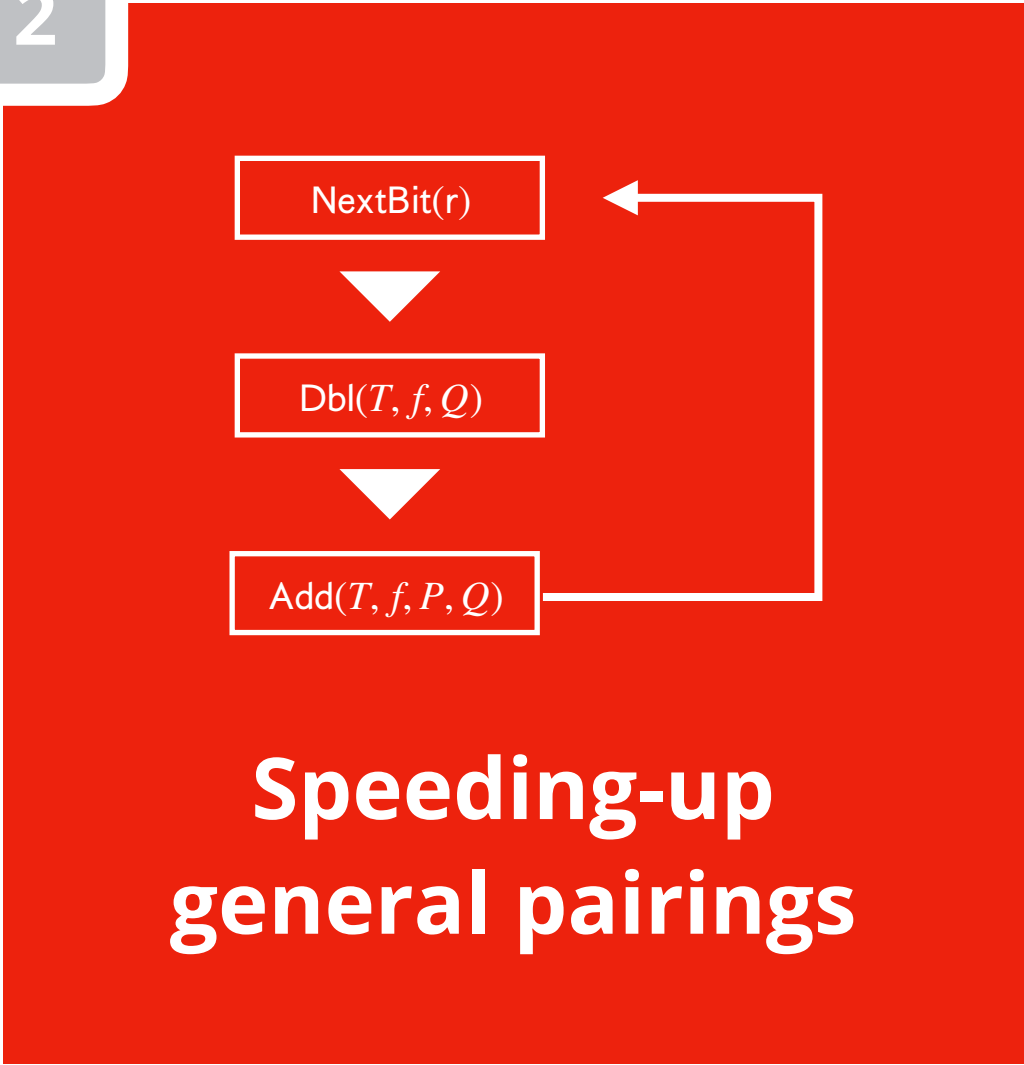
take some literature



1
implement all tricks
that apply



2



general notice


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0

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2

2 benchmark speed and finetune

3

