

general notice

Computing pairings fast is quite technical.

Better suited for papers than slides



general approach

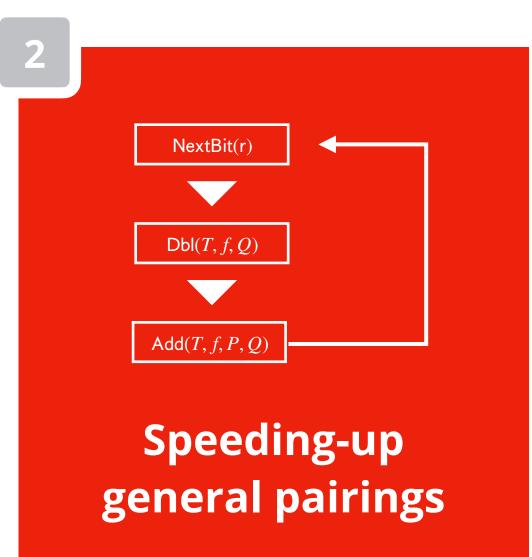
Instead I describe the general approach, and leave all details out

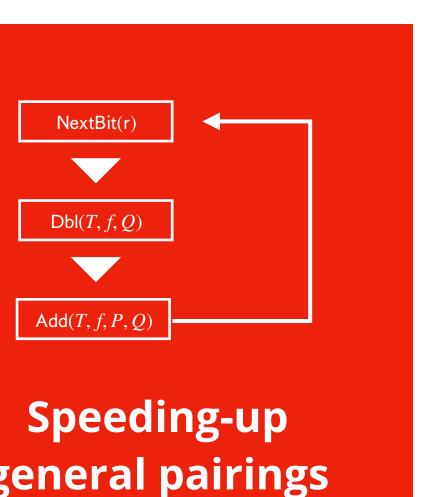


core idea

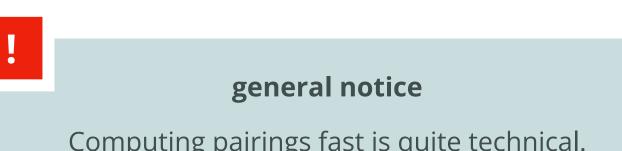
For $P \in E(\mathbb{F}_p)$ and $Q \in E^t(\mathbb{F}_p)$, don't use curve arithmetic but pairing e(P,Q) to get overlap in orders!







 $\beta_{(i-1),i'} = (s_{(i,j')} + \beta_{(i')} r t_1)/(s_{(i')} - s_{(i-1),i'}).$



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