Concepts
 and $z^{p}=1(\operatorname{mad} d)$
$(x-1)(t+1)=0(\operatorname{mox} d p)$


$a^{a^{\prime}=1(\operatorname{mad} x)}$
$a^{a^{z}=-1(\bmod d)}$


 $a^{a} \neq 1(\bmod n)$


 and xample





## Computational complexity

## anodes stolele

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$\bar{z}=$
 Alognt






## $a^{a n} \neq 1(\max n)$








 determinisitic variants
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