

uary 8, 2002

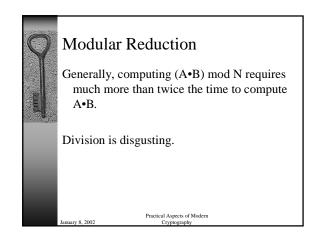
Modular Reduction

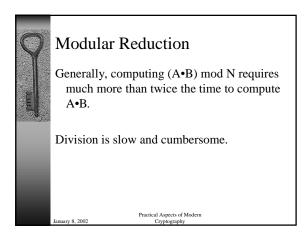
Generally, computing (A•B) mod N requires much more than twice the time to compute A•B.

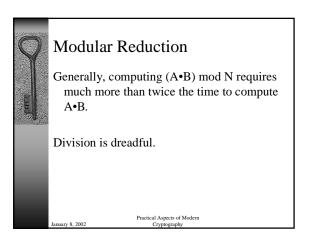
Practical Aspects of Modern

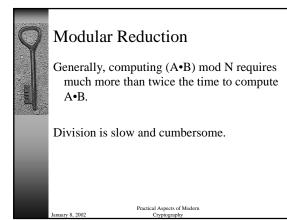
Cryptography

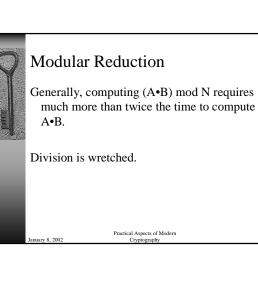
Division is slow and cumbersome.













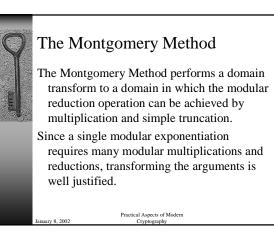
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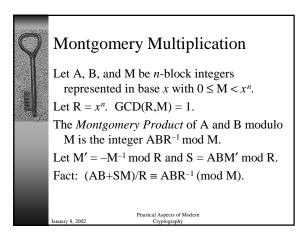
Modular Reduction

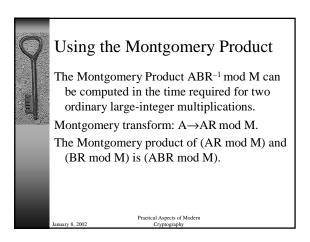
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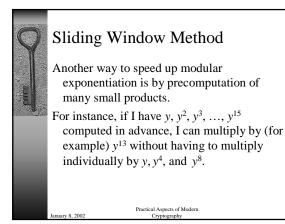
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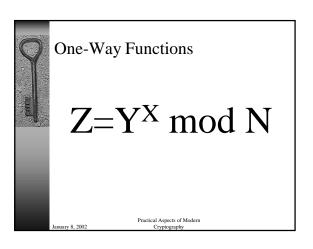
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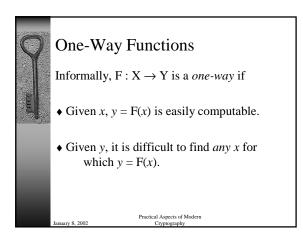


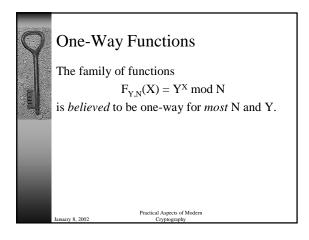


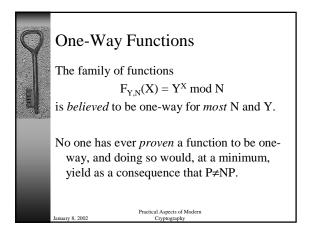


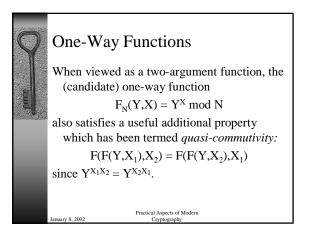


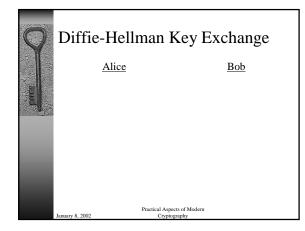


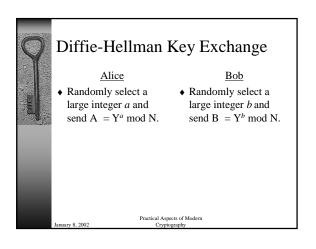


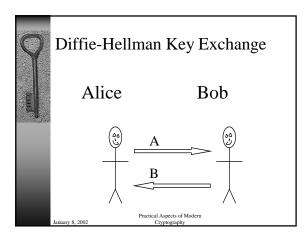


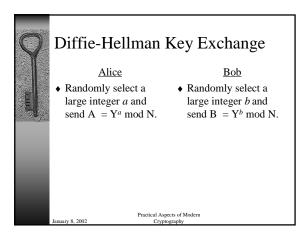


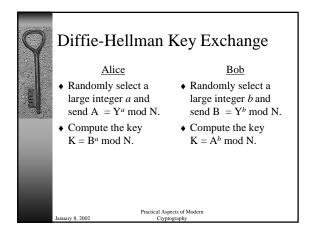


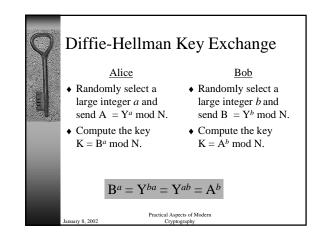


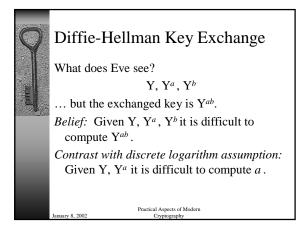


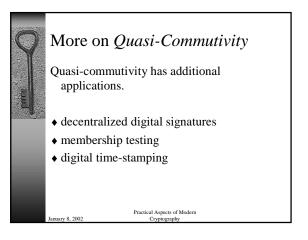


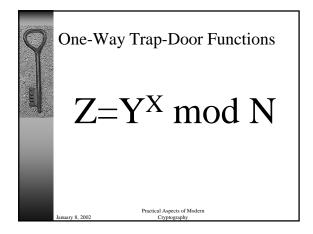


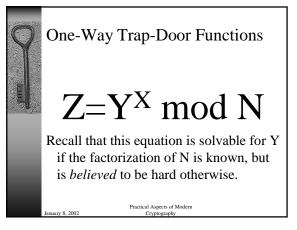


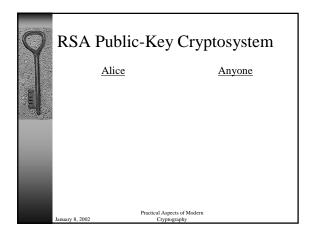


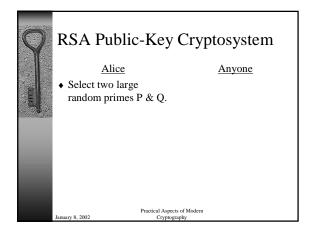


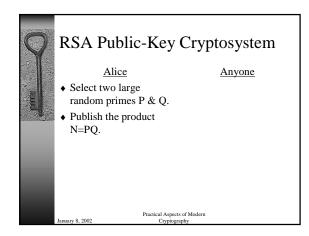


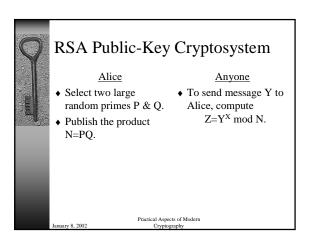


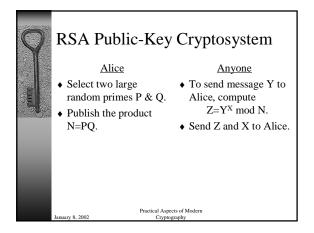


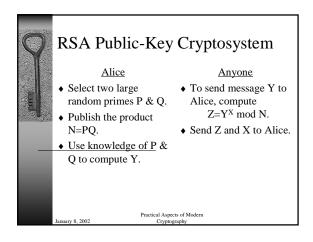


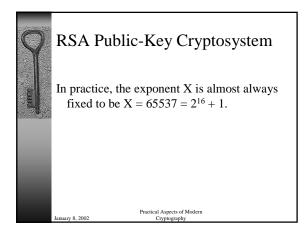


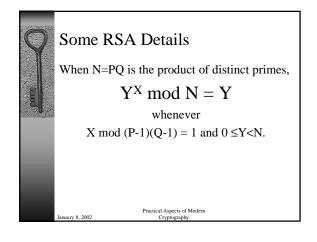


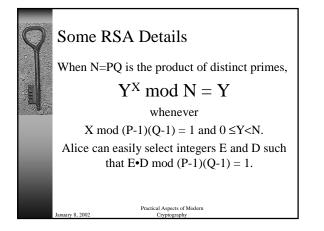


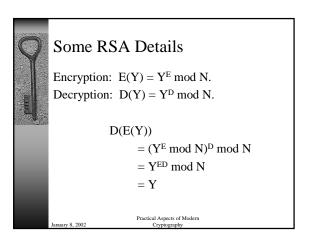


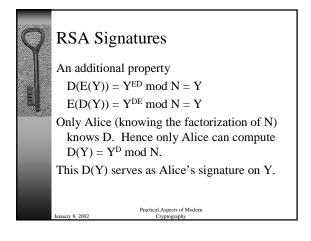


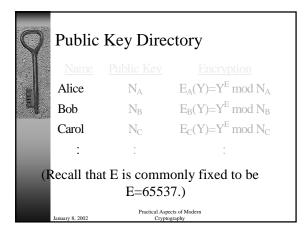


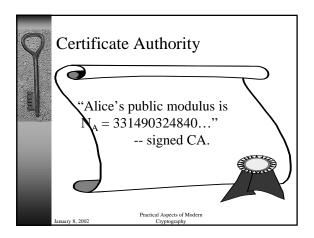


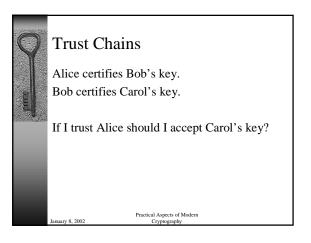


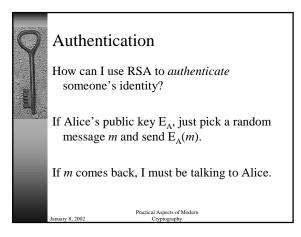


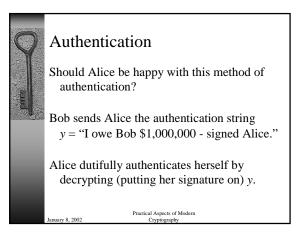














Authentication

What if Alice only returns authentication queries when the decryption has a certain format?

Practical Aspects of Modern Cryptography

