- 1. Blind Chaum Signatures
- 2. ECash David Chaum Anonymous Electronic Cash
- 3. Existential forgery of RSA signatures
- 4. Show that the second preimage resistance implies one-wayness (pre-image resistance)
- 5. Show that  $\pmod{n}$  and modular exponent  $g^x \pmod{n}$  are not cryptographic hash functions.