

Digital signatures

- ▶ When A sends to B, A uses B's public key to encrypt, so the message is confidential
- ▶ In many situations we need “signatures” to verify the identity of someone
- ▶ We can use a different scheme
 - ▶ A uses his private key to encrypt a message
 - ▶ Anyone can check the message is signed by A by using A's public key
 - ▶ Only A can sign the message