

# (pure) Encryption Modes

a.k.a. how to encrypt long messages

**ECB - Electronic Code Book**

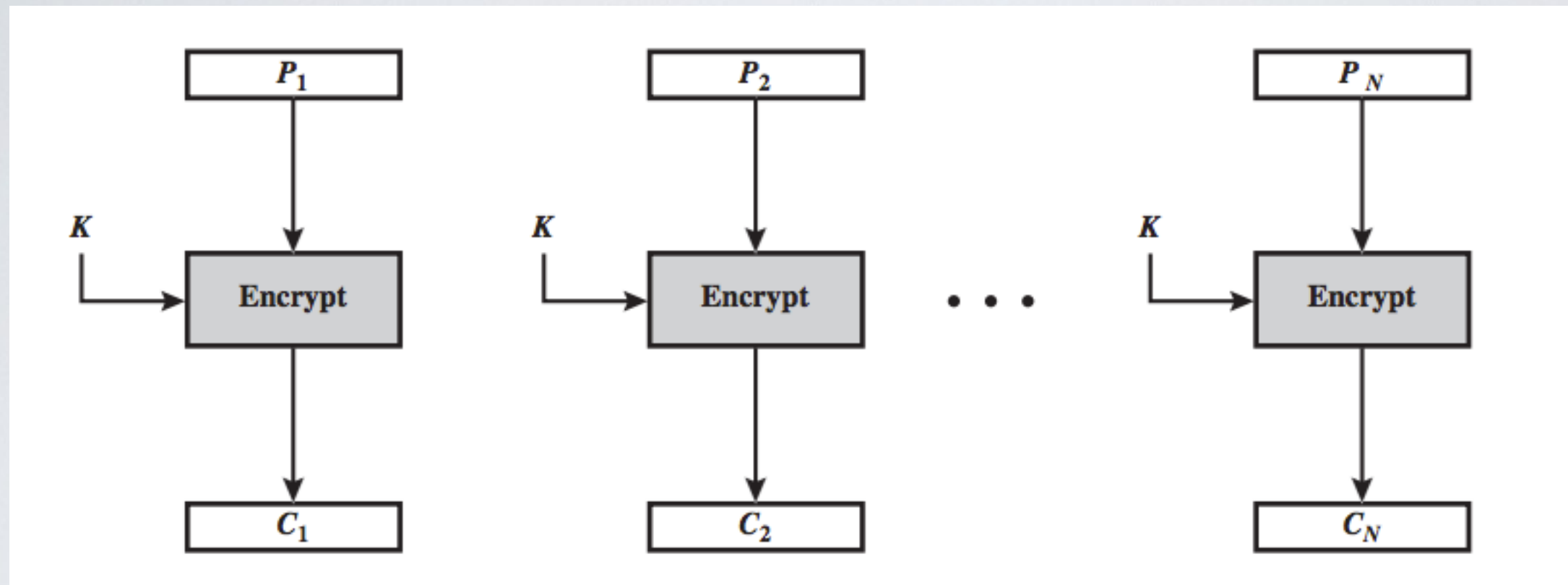
**CBC - Cipher Block Chaining**

CFB - Cipher Feedback

OFB - Output Feedback

**CTR - Counter**

# ECB - Electronic Code Book (a.k.a Block Mode)



Each plaintext block is encrypted independently with the key

✓ Block can be encrypted in parallel

⦿ The same block is encrypted to the same ciphertext