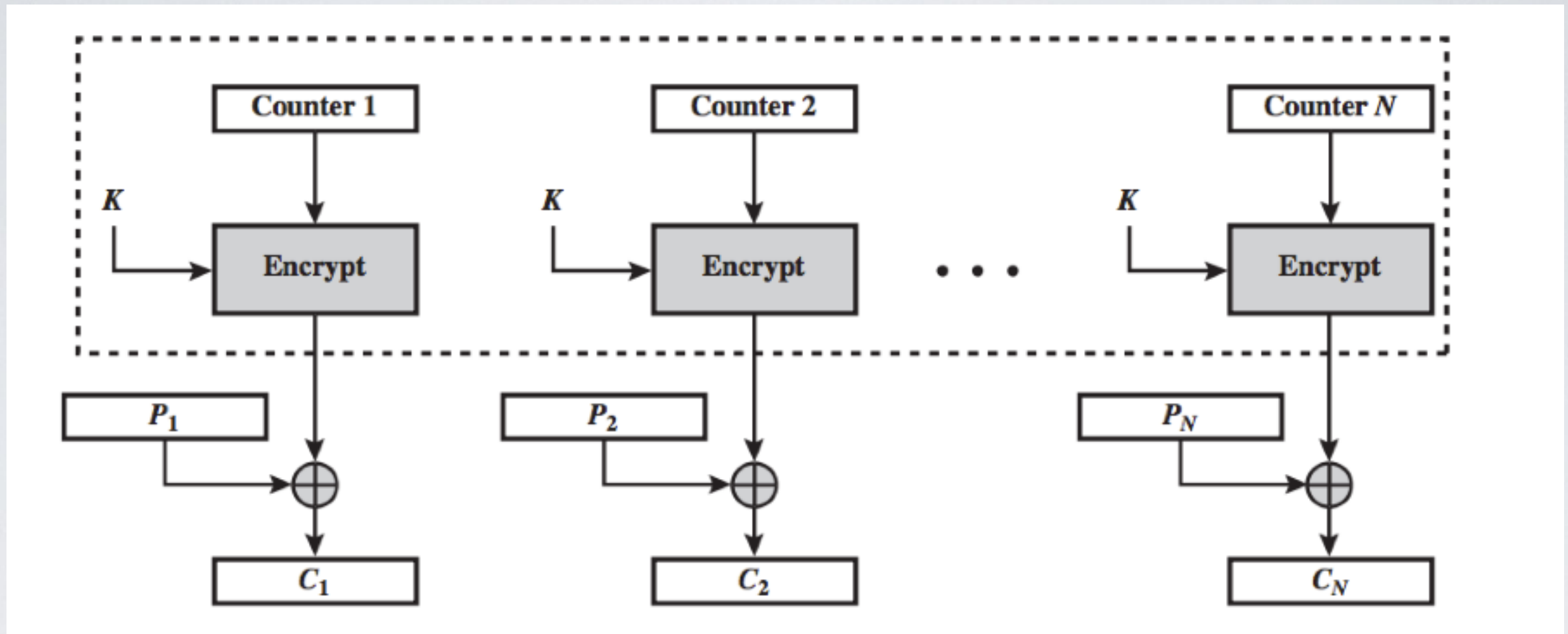


CTR - Counter Mode



Introduce some randomness using a counter

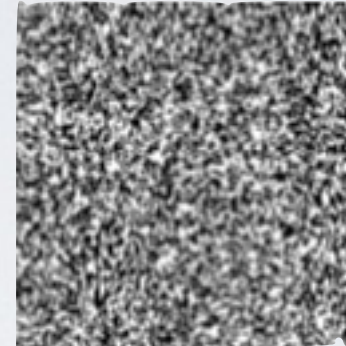
✓ High entropy and parallelism

⦿ Behaves as a stream cipher - sensitive to key-reused attack

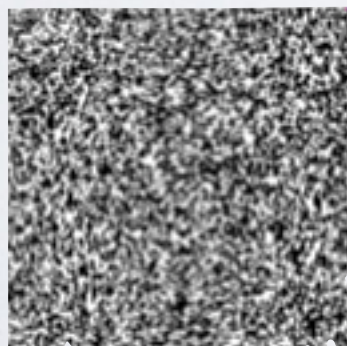
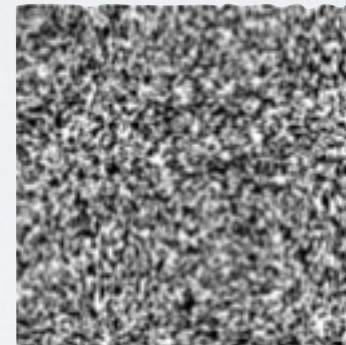
Key-reused attack on CTR



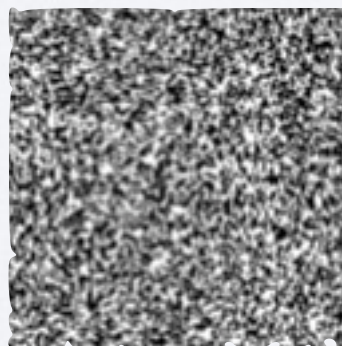
$$\oplus K =$$



$$\oplus K =$$



$$\oplus$$



$$=$$

