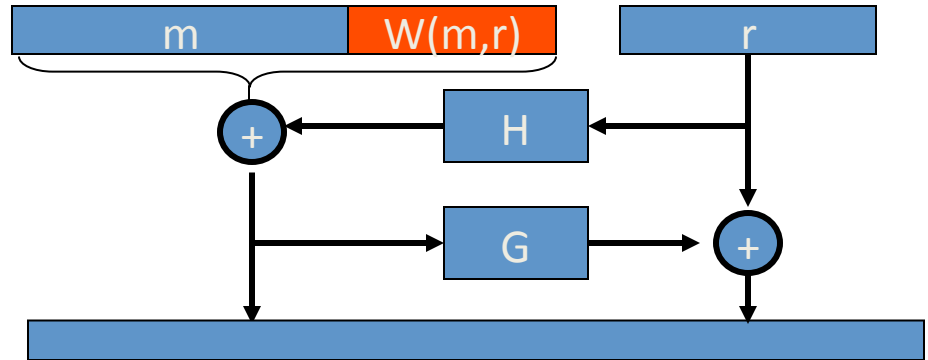


OAEP Improvements

OAEP+: [Shoup'01]

\forall trap-door permutation F
F-OAEP+ is CCA secure when
 H, G, W are *random oracles*.

During decryption validate $W(m,r)$ field.



SAEP+: [B'01]

RSA ($e=3$) is a trap-door perm \Rightarrow
RSA-SAEP+ is CCA secure when
 H, W are *random oracle*.

