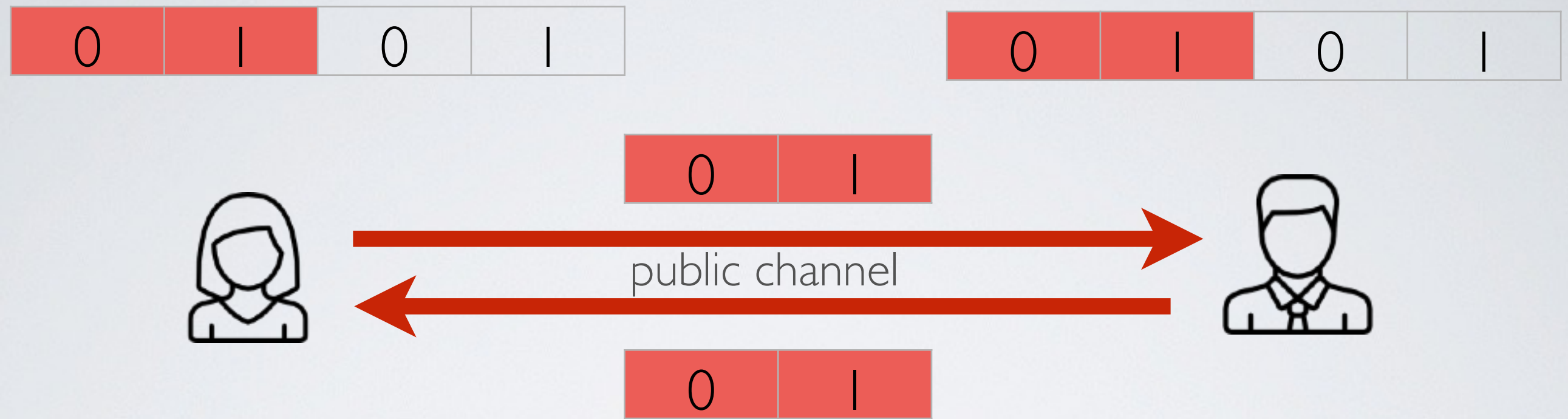


# Quantum Key Distribution - step 3



## Has Eve eavesdrop on the quantum Channel ?

- ➔ Eavesdropping the quantum channel modifies the polarization of the photons
- 7. Alice and Bob spare and exchange a sub sequence of their shared secret key
- 8. If this subsequence match, it means that nobody has eavesdrop the quantum channel. If not, the key is invalid.

