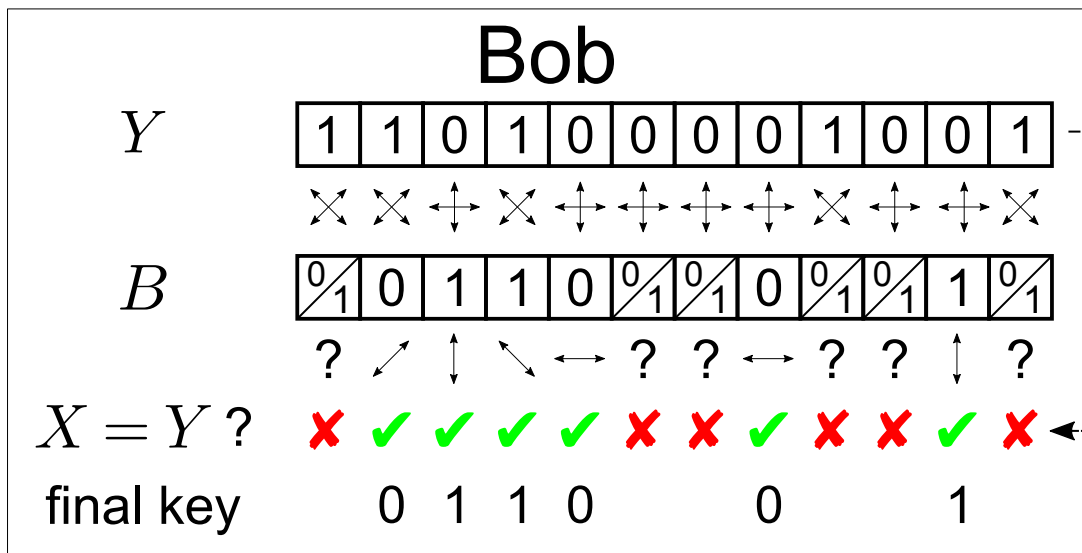


polarized photons  
sent via quantum channel



classical channel

Alice's Polarization Encoding

photon polarization		basis $X$	
		0 ↕	1 ✗
bit $A$	0	H ↔	D ↗
	1	V ↕	A ↘

Bob's Projective Measurement

$B$		basis $Y$	
		↕	✗
photon polarization	↔	0	?
	↕	1	?
	↗	?	0
	↘	?	1