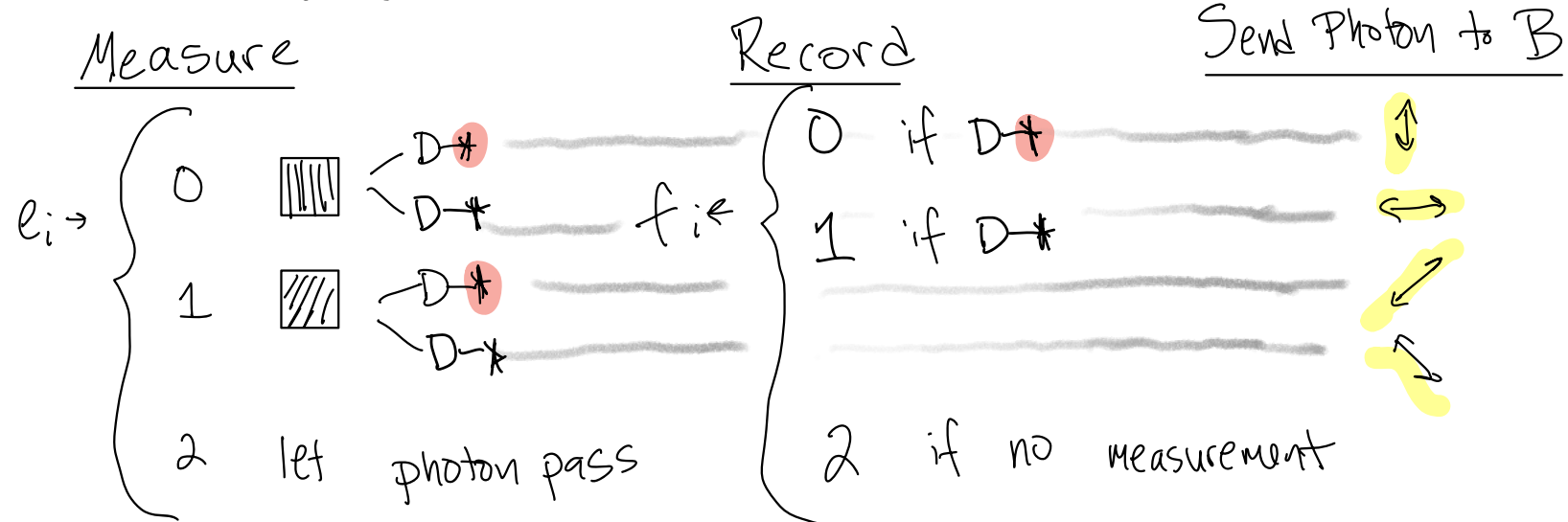


BB84 At-a-glance

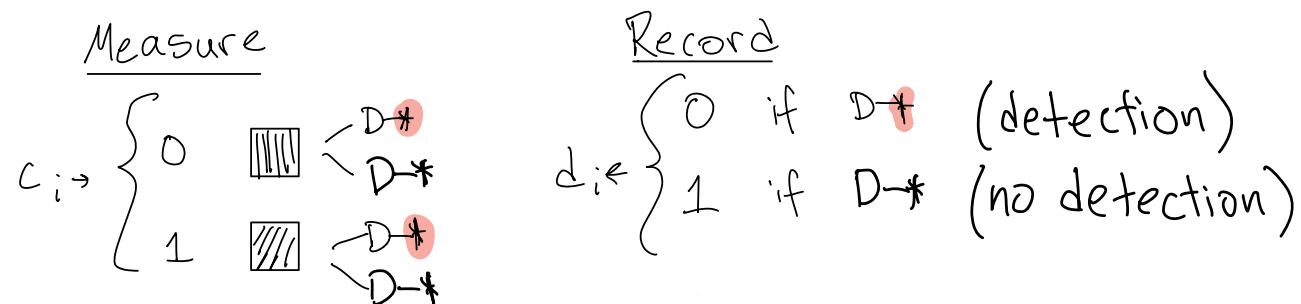
a_i	b_i	polarization
0	0	
0	1	
1	0	
1	1	

1. A chooses $a, b \in \{0, 1\}^L$ at random. At i^{th} second, sends B photon $\rightarrow$

2. E chooses $e \in \{0, 1\}^L$ at random. At i^{th} second, does



3. B chooses $c \in \{0, 1\}^L$ at random. At i^{th} second, does



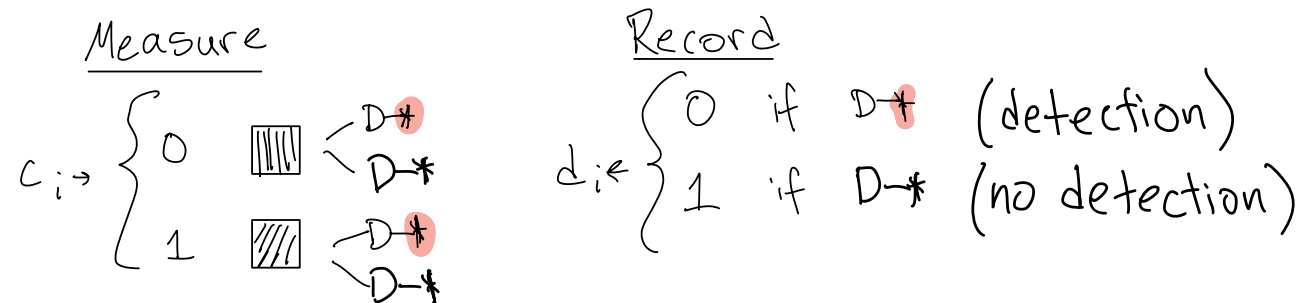
4. A & B publicly announce a, c (keep b, d private)

BB84 At-a-glance (Without Eve)

a_i	b_i	polarization
0	0	
0	1	
1	0	
1	1	

1. A chooses $a, b \in \{0, 1\}^L$ at random. At i^{th} second, sends B photon $\rightarrow$

2. B chooses $c \in \{0, 1\}^L$ at random. At i^{th} second, does



3. A & B publicly announce a, c (keep b, d private)