**Alice Basis**

**1 1 1 0 1 0 0 0 0 1**

**Alice Data**

**0 0 1 1 0 1 1 0 0 0**

**Photons in Channel**

**[ 0.71, 0.71, 0.71, 0, 0.71, 0, 0, 1.0, 1.0, 0.71]**

**[ 0.71, 0.71, -0.71, 1.0, 0.71, 1.0, 1.0, 0, 0, 0.71]**

**Bob Basis**

**1 0 1 0 1 0 0 1 1 1**

**Bob Data**

**0 1 1 1 0 1 1 0 1 0**

**Matching of Alice and Bob Bases**

**1 0 1 1 1 1 1 0 0 1**

**ber\_eq =**

**0**

**ber\_size =**

**0**

**Alice Basis**

**0 1 1 0 0 1 1 1 1 1**

**Alice Data**

**1 0 0 1 0 1 1 0 0 1**

**Photons in Channel**

**[ 0, 0.71, 0.71, 0, 1.0, 0.71, 0.71, 0.71, 0.71, 0.71]**

**[ 1.0, 0.71, 0.71, 1.0, 0, -0.71, -0.71, 0.71, 0.71, -0.71]**

**Eve Basis**

**0 1 1 1 0 0 0 0 0 0**

**Eve Data**

**1 0 0 1 0 0 1 0 1 0**

**GuessE\_size =**

**0.7520**

**Bob Basis**

**0 1 1 1 1 1 0 1 0 1**

**Bob Data**

**1 0 0 1 1 0 1 1 1 1**

**Matching of Alice and Bob Bases**

**1 1 1 0 0 1 0 1 0 1**

**ber\_eq =**

**0.2724**

**ber\_size =**

**0.1340**

**Alice Basis**

**1 1 1 0 1 0 1 1 0 1**

**Alice Data**

**1 1 0 0 0 1 0 1 0 0**

**Photons in Channel**

**[ 0.71, 0.71, 0.71, 1.0, 0.71, 0, 0.71, 0.71, 1.0, 0.71]**

**[ -0.71, -0.71, 0.71, 0, 0.71, 1.0, 0.71, -0.71, 0, 0.71]**

**Photons in Channel with Loss**

**[ 0, 0.71, 0, 1.0, 0, 0, 0.71, 0.71, 1.0, 0.71]**

**[ 0, -0.71, 0, 0, 0, 1.0, 0.71, -0.71, 0, 0.71]**

**Bob Basis**

**1 1 1 0 0 0 1 1 0 0**

**Bob Data**

**0 1 0 0 0 1 0 1 0 0**

**Error Bits in Channel**

**1 0 1 0 1 0 0 0 0 0**

**Matching of Alice and Bob Bases**

**1 1 1 1 0 1 1 1 1 0**

**ber\_eq =**

**0.2077**

**ber\_size =**

**0.1030**