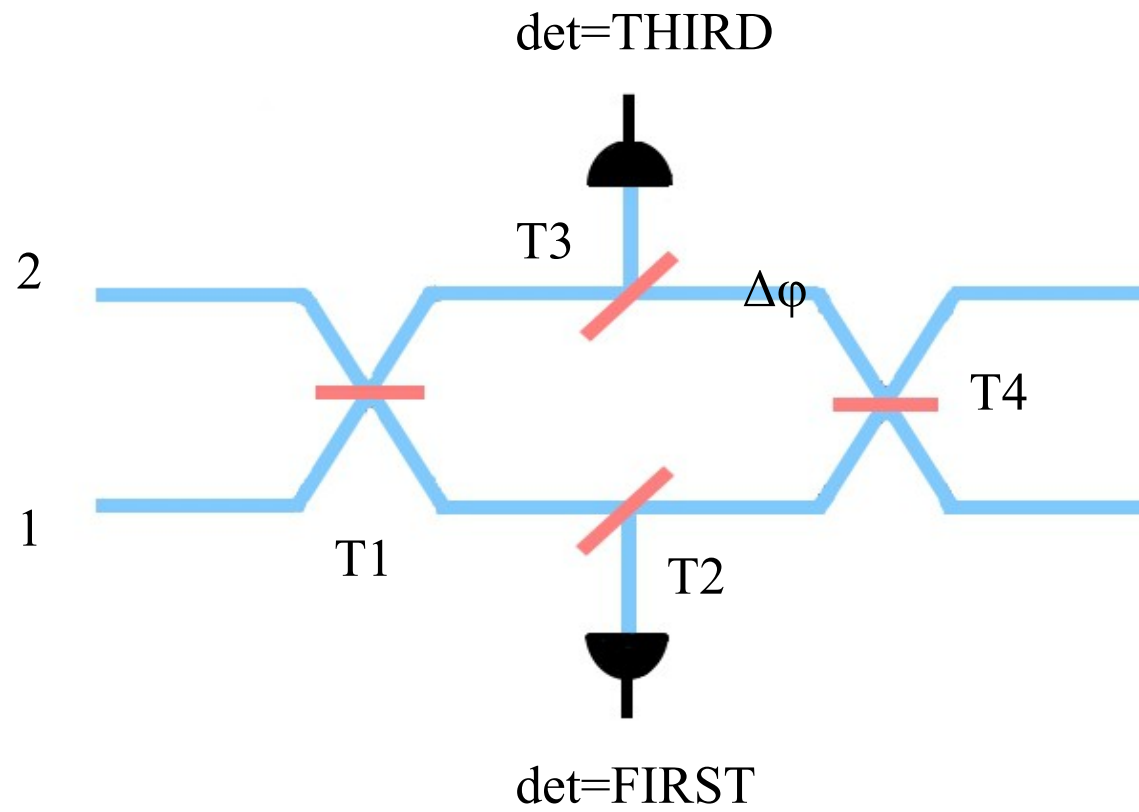
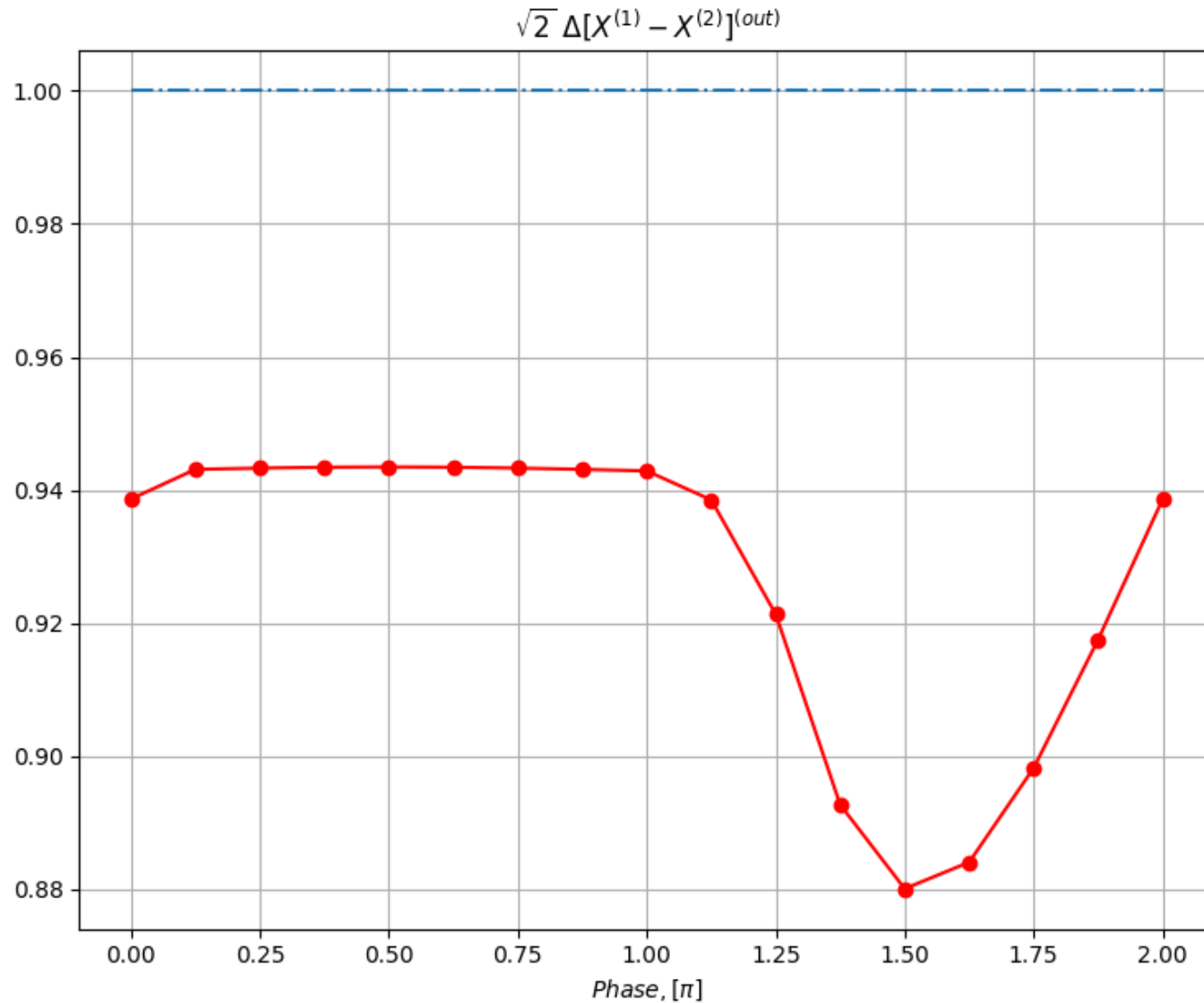


Setup.



1. Single photon goes to the second(top) channel. Coherent state ($\alpha=1$) goes to the first(bottom) channel. **First and only first** detector clicks.



EPR[X] min values among all parameters.

Minimizing set of parameters.
Probability of current detection > 0.1

Phase, [pi]	Probab.	T1	T4	T2	T3
0.0	0.1077	0.28	0.72	0.88	0.86
0.125	0.1002	0.2	0.8	0.86	0.7
0.25	0.1002	0.2	0.8	0.86	0.7
0.375	0.1002	0.2	0.8	0.86	0.7
0.5	0.1002	0.2	0.8	0.86	0.7
0.625	0.1002	0.2	0.8	0.86	0.7
0.75	0.1002	0.2	0.8	0.86	0.7
0.875	0.1002	0.2	0.8	0.86	0.7
1.0	0.1002	0.2	0.8	0.86	0.7
1.125	0.1003	0.2	0.8	0.86	0.72
1.25	0.1011	0.4	0.8	0.86	0.78
1.375	0.1094	0.28	0.8	0.88	0.9
1.5	0.1007	0.28	0.8	0.84	0.82
1.625	0.1094	0.28	0.76	0.88	0.9
1.75	0.1022	0.2	0.7	0.86	0.86
1.875	0.1022	0.2	0.72	0.86	0.86
2.0	0.1077	0.28	0.72	0.88	0.86