

Condition	Signal LP angle	Visibility (V)
Eraser On	22.5°	0.481
Eraser Off	$-22.5^\circ (337.5^\circ)$	0.055

Table 1: Observed visibilities for idler self-interference in the MZI, when erasing which-way information from the signal photon (or not) in the entangled quantum eraser experiment.

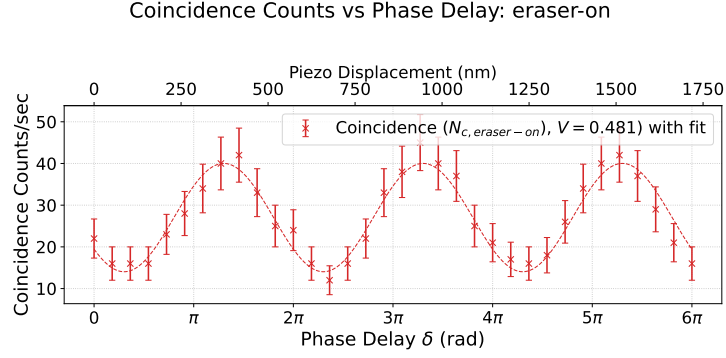


Figure 1: Erasing which-way information from the signal photons produced high visibility ($V = 0.481$) self-interference of the idlers in the MZI. Coincidence counts vs Phase Delay with the eraser on.

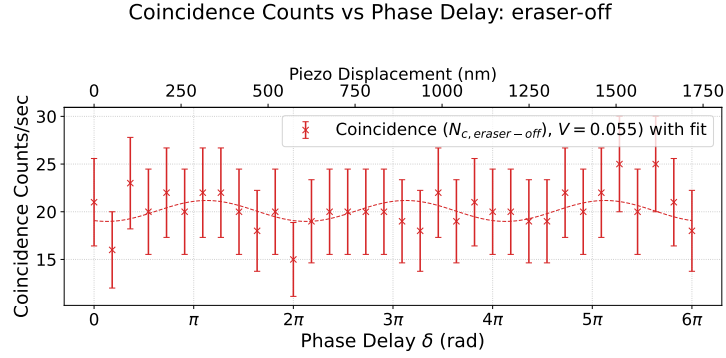


Figure 2: Not erasing which-way information from the signal photons prevented self-interference of the idlers in the MZI, resulting in low visibility ($V = 0.055$). Coincidence counts vs Phase Delay with the eraser off.