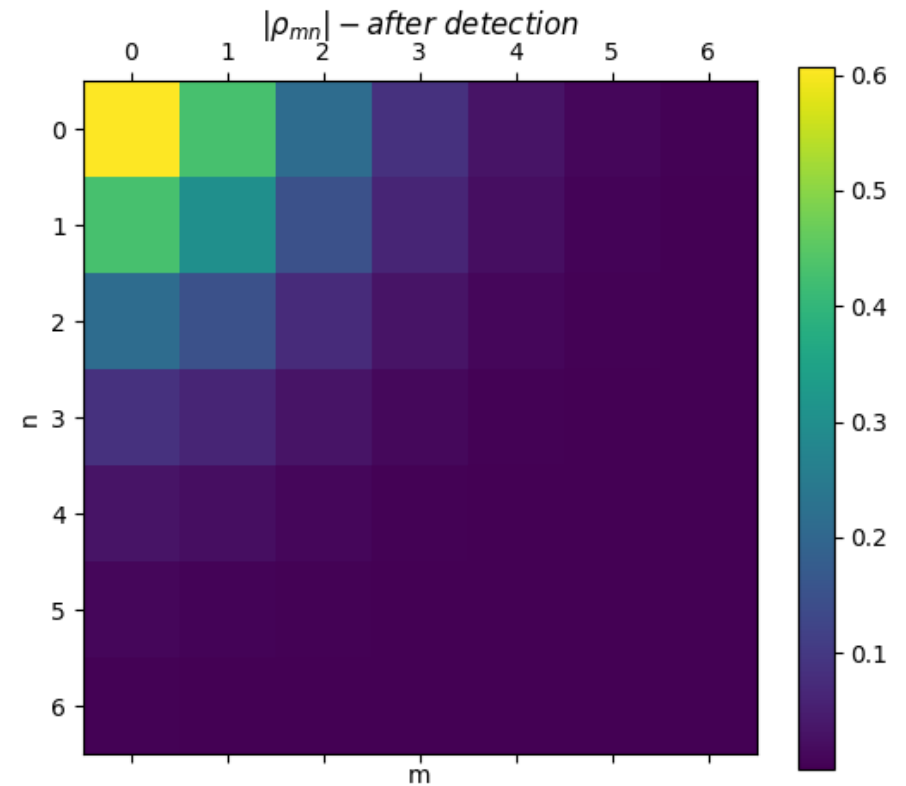
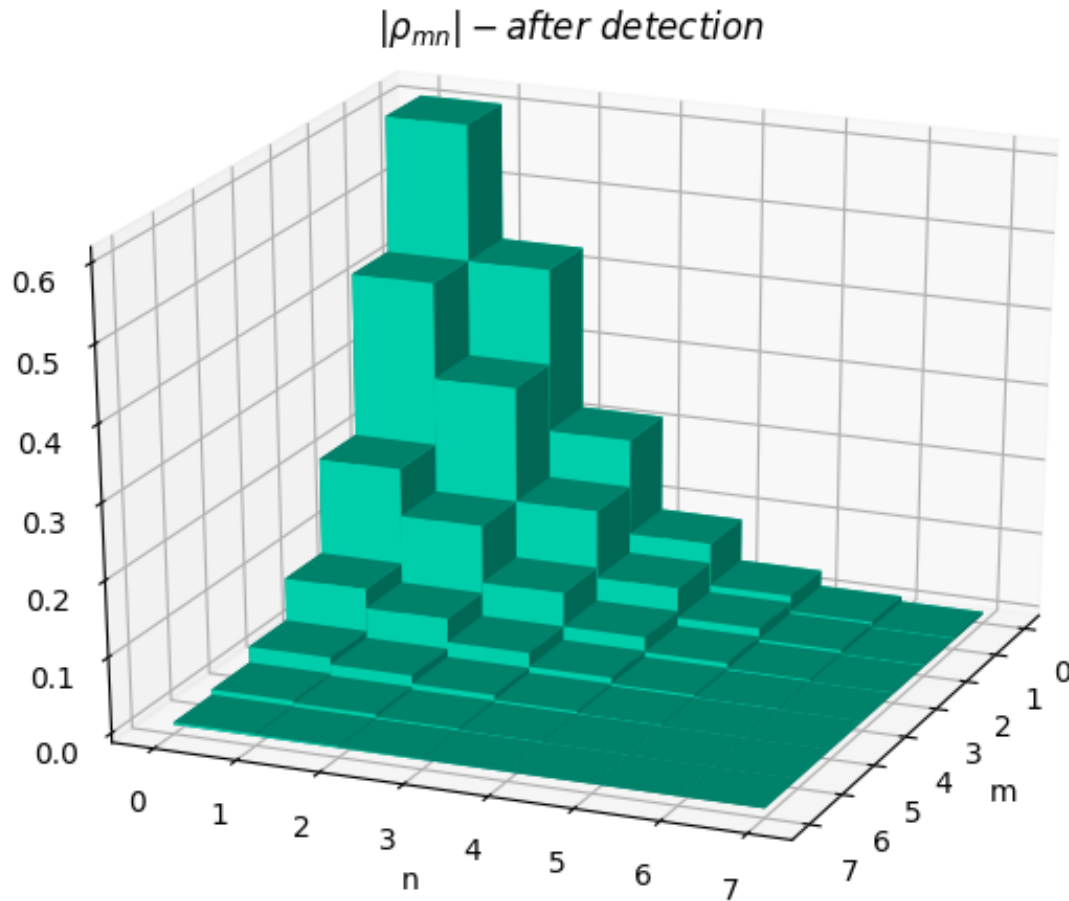


1) Two coherent states as an input.

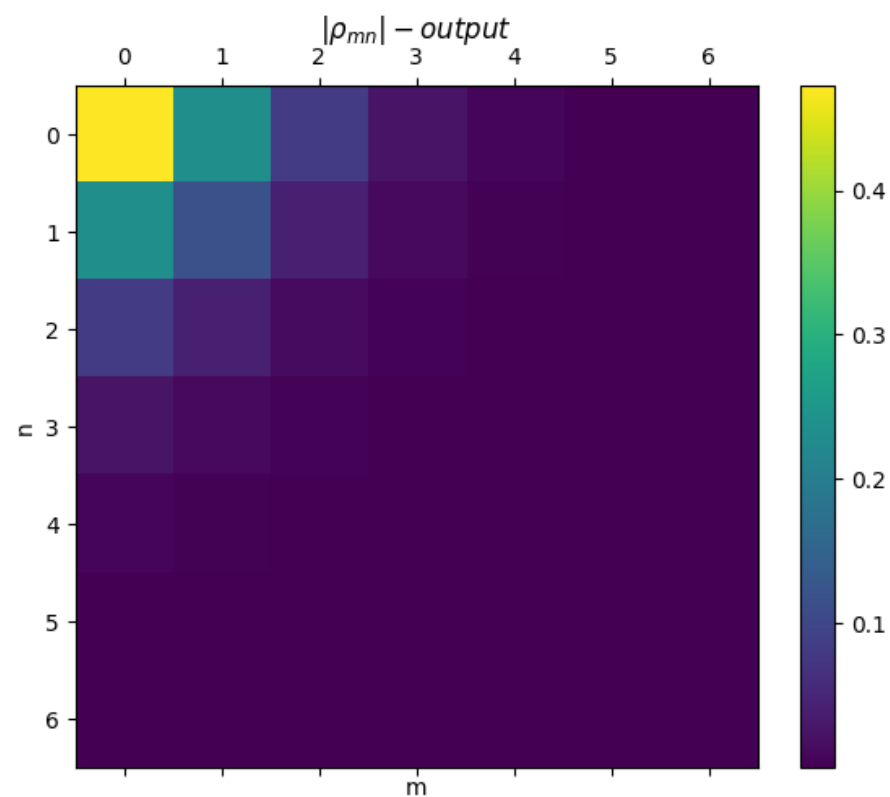
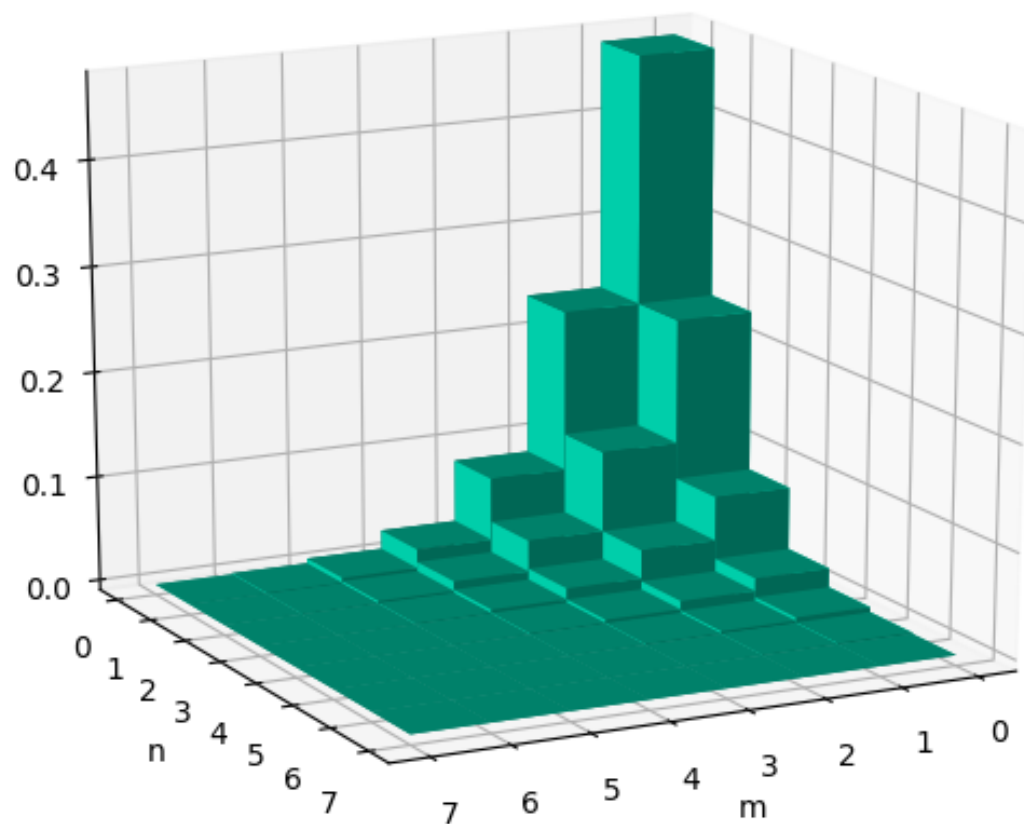
Everywhere only one detector is clicked.

One channel traced dens. matrix after detection.



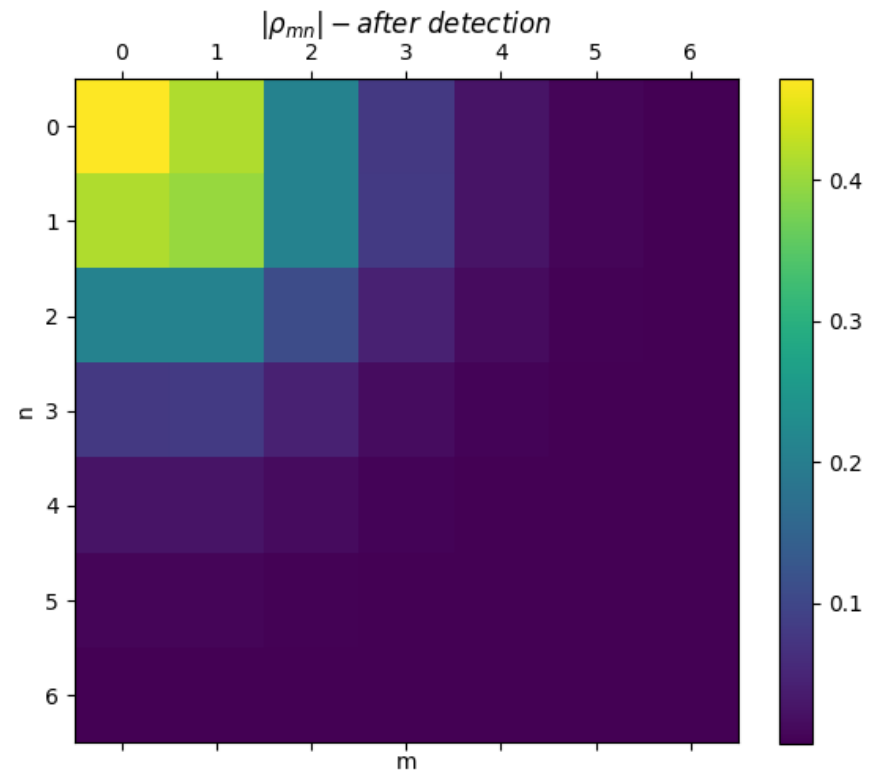
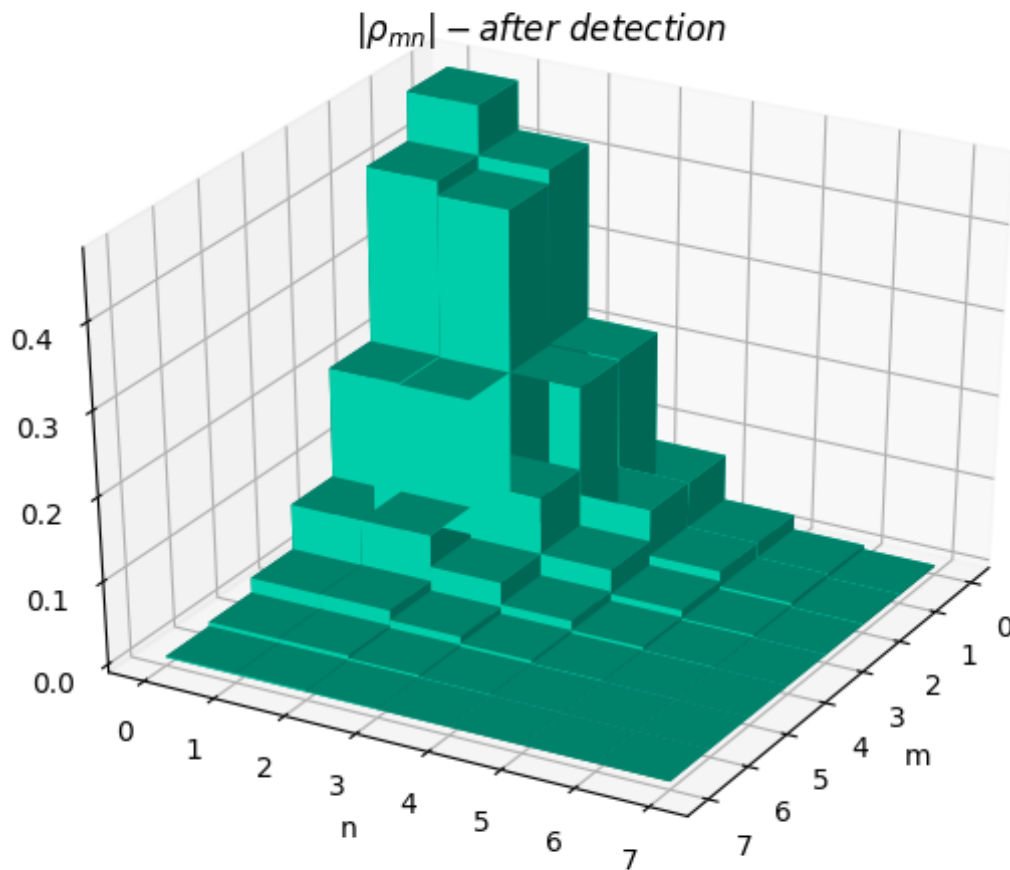
One channel traced dens. matrix after
last beam splitter.

$|\rho_{mn}| - \text{output}$



2) Coherent state and a single photon as an input.

One channel traced dens.
matrix after detection.



One channel traced dens. matrix after
last beam splitter.

