

The diagram illustrates a quantum device with four parallel stages. Each stage contains a beam splitter (labeled \mathcal{E}_{23} , \mathcal{E}_4 , \mathcal{E}_5 , and \mathcal{E}_6) and a detector (labeled \mathcal{I}_{23} , \mathcal{I}_4 , \mathcal{I}_5 , and \mathcal{I}_6). The device is connected to a source \mathcal{T} and a detector \mathcal{C} . The area is labeled 1mm^2 .

$N_{\text{syn}}, \mathbf{A}, \mathbf{M}$

C_{yx} , for $\{y, x\} \in \{\mathcal{E}_{23}, \mathcal{I}_{23}, \dots, \mathcal{E}_6, \mathcal{I}_6\}$

