

```

newcommand[1][COMMENT] 1
newcommand[1]1
newcommand[1] Pr [1]
newcommand[1] $\mathcal{O}(1)$ 
newcommand[1]1
newcommand|\psi\rangle
newcommand|\psi_n\rangle
newcommand|\phi_n\rangle

```

Quantum LTC With Positive Rate

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September 10, 2022

preamble. preamble.

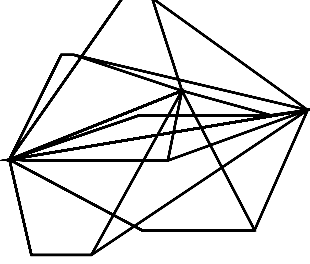


Figure 1: Square of the complex, with edges $(g, ag), (agb, gb) \in E_A, (g, gb), (agb, ag) \in E_B$.

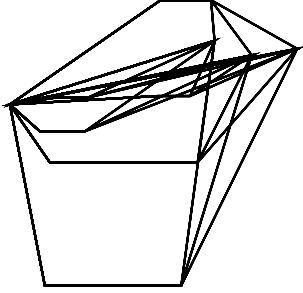


Figure 2: Square of the complex, with edges $(g, ag), (agb, gb) \in E_A, (g, gb), (agb, ag) \in E_B$.

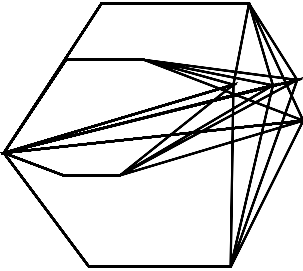


Figure 3: Square of the complex, with edges $(g, ag), (agb, gb) \in E_A, (g, gb), (agb, ag) \in E_B$.