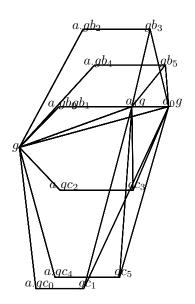
Quantum LTC With Positive Rate

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preamble. preamble.



 $a \cdot ab_2 - ab_3$ $a \cdot ab_2 - ab_3$

Figure 1: 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 $(g,ag), (agb,gb) \in E_A, (g,gb), (agb,ag) \in E_B$.

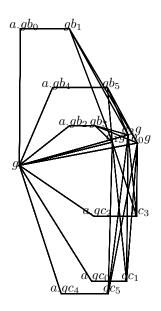


Figure 2: Square of the complex, with edges $(g,ag), (agb,gb) \in E_A, (g,gb), (agb,ag) \in E_B$.