## Quantum LTC With Positive Rate

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## preamble. preamble.

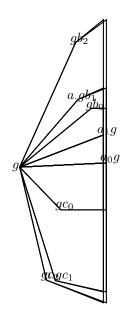


Figure 3: Square of the complex, with edges  $(g,ag),(agb,gb)\in E_A,(g,gb),(agb,ag)\in E_B.$ 

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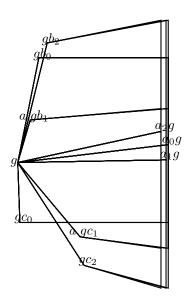
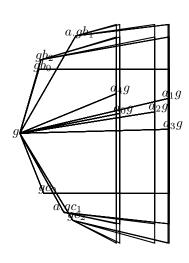


Figure 2: Square of the complex, with edges Figure 4: Square of the complex, with edges  $(g,ag),(agb,gb)\in E_A,(g,gb),(agb,ag)\in E_B.$ 



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

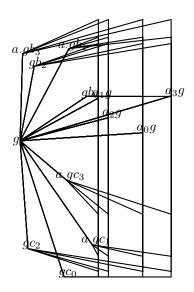


Figure 5: Square of the complex, with edges  $(g,ag),(agb,gb)\in E_A,(g,gb),(agb,ag)\in E_B.$