

# Quantum LTC With Positive Rate

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**preamble.** preamble.

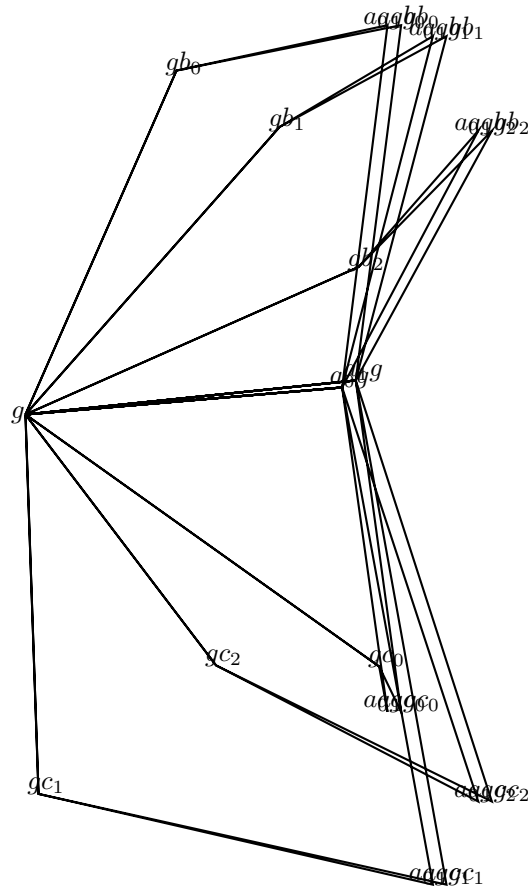


Figure 1: Square of the complex, with edges  $(g, ag), (agb, gb) \in E_A, (g, gb), (agb, ag) \in E_B$ .

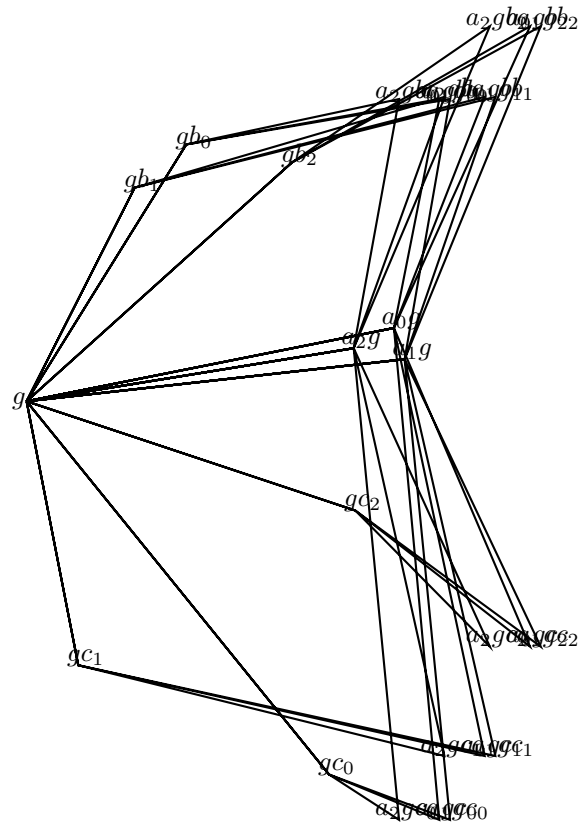


Figure 2: Square of the complex, with edges  $(g, ag), (agb, gb) \in E_A, (g, gb), (agb, ag) \in E_B$ .

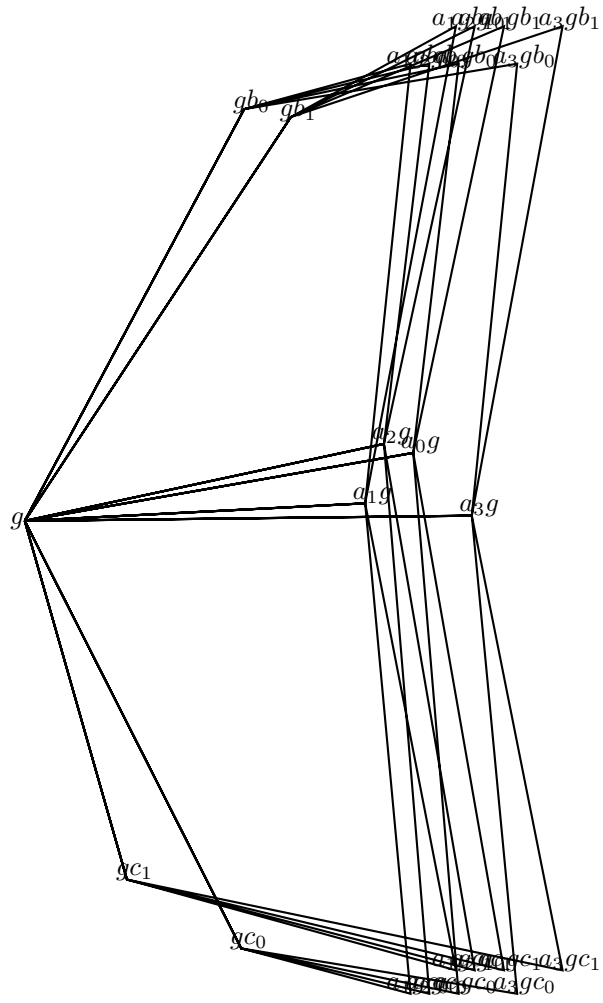


Figure 3: Square of the complex, with edges  $(g, ag), (agb, gb) \in E_A$ ,  $(g, gb), (agb, ag) \in E_B$ .

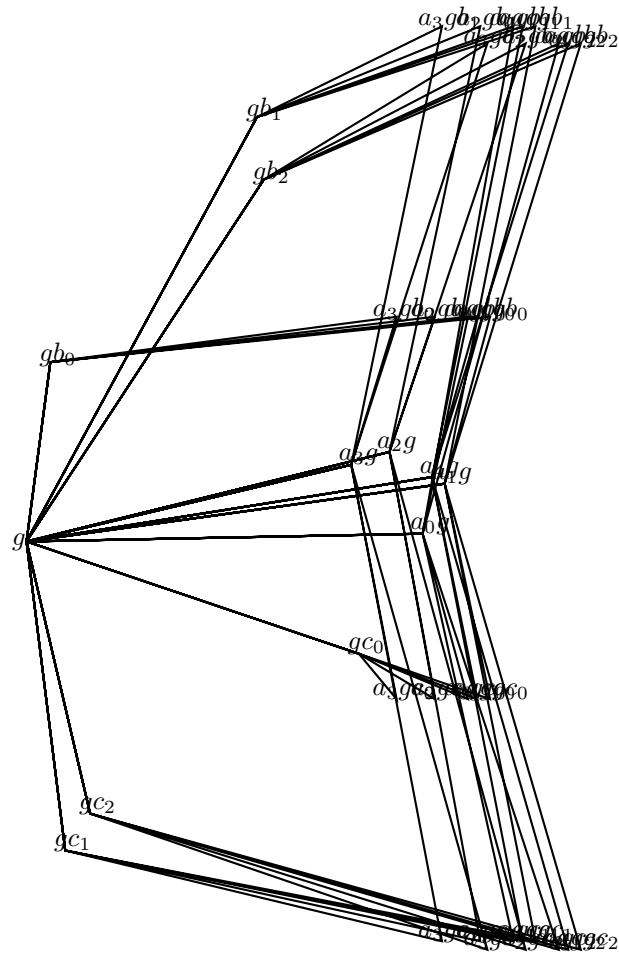


Figure 4: Square of the complex, with edges  $(g, ag), (agb, gb) \in E_A, (g, gb), (agb, ag) \in E_B$ .

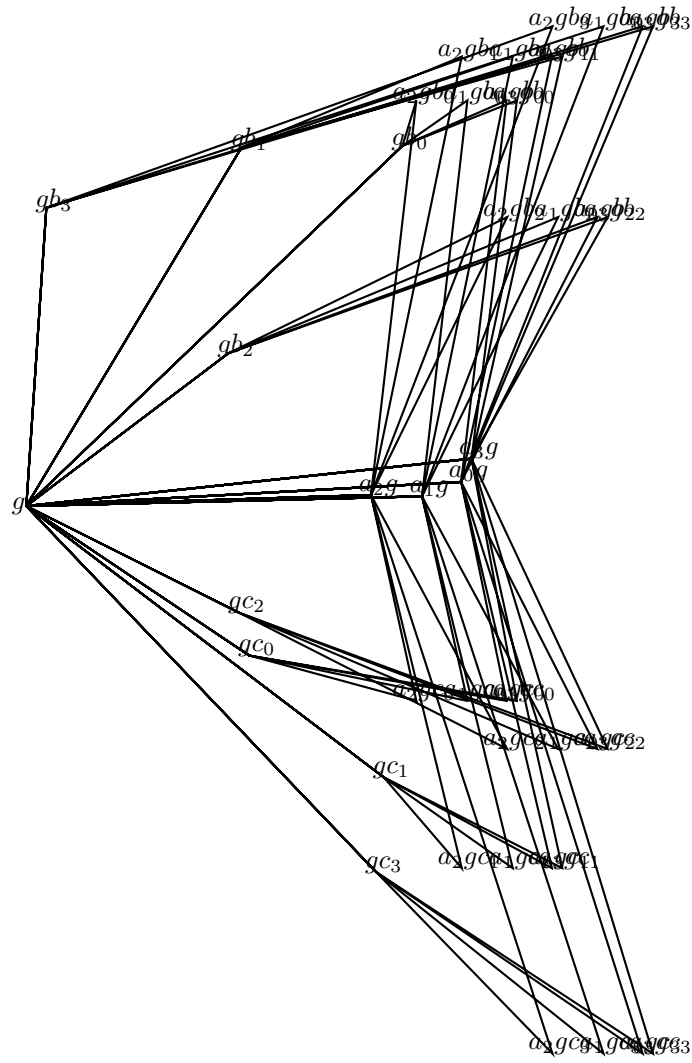


Figure 5: Square of the complex, with edges  $(g, ag), (agb, gb) \in E_A, (g, gb), (agb, ag) \in E_B$ .