Quantum LTC With Positive Rate

David Ponarovsky

August 12, 2023

preamble. preamble.

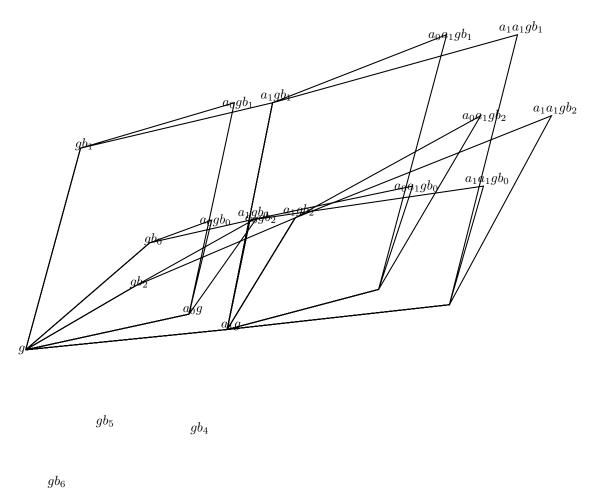
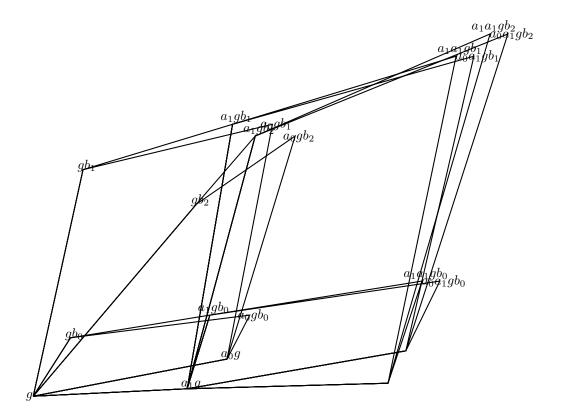
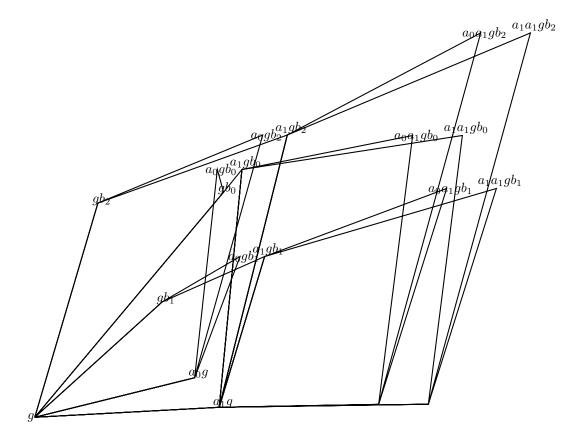


Figure 1: Square of the complex, with edges $(g, ag), (agb, gb) \in E_A, (g, gb), (agb, ag) \in E_B$.



$$gb_4$$
 gb_5

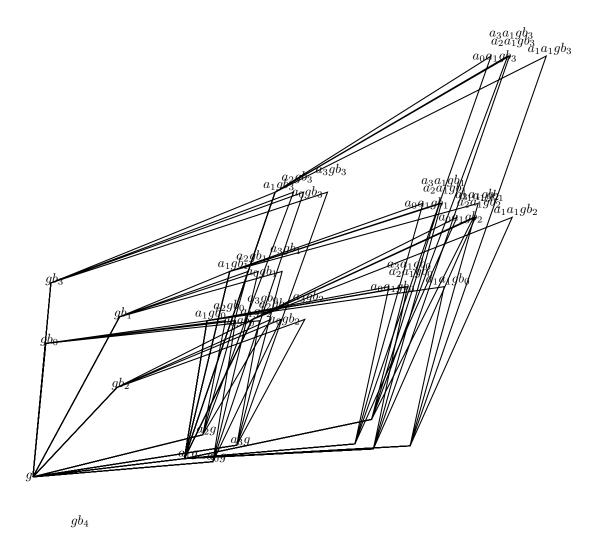
Figure 2: Square of the complex, with edges $(g,ag),(agb,gb)\in E_A,(g,gb),(agb,ag)\in E_B.$



 gb_5

 gb_{4}

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



$$gb_{7} \qquad gb_{5}$$

$$gb_{6}$$

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