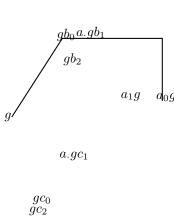
Quantum LTC With Positive Rate

David Ponarovsky

September 11, 2022

preamble. preamble.



 $egin{array}{c} gc_0 \ gc_2 \end{array}$

 gb_0 $a.gb_1$ a_0g a_3g a_2g a_1g gc_0

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

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

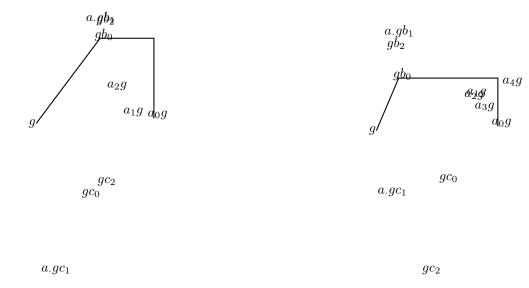


Figure 2: Square of the complex, with edges $(g, ag), (agb, gb) \in E_A, (g, gb), (agb, ag) \in E_B$.

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

$$a.gb_3$$

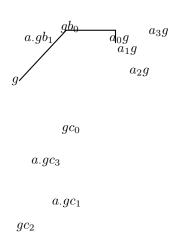


Figure 5: Square of the complex, with edges $(g,ag),(agb,gb)\in E_A,(g,gb),(agb,ag)\in E_B.$