Quantum LTC With Positive Rate

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preamble. preamble.

$a_0 g$ $a_1 g$

g

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

$a_0 g$

$a_1 g$

g

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

g $a_0 g$

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

$a_3 g \, a_1 g$
$a_0 g$
$a_2 g$
g

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