

100 →

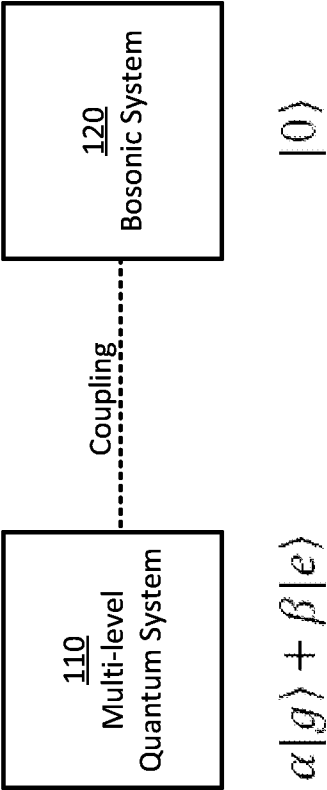
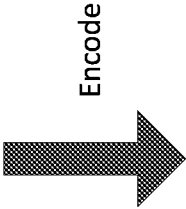


FIG. 1A



100 →

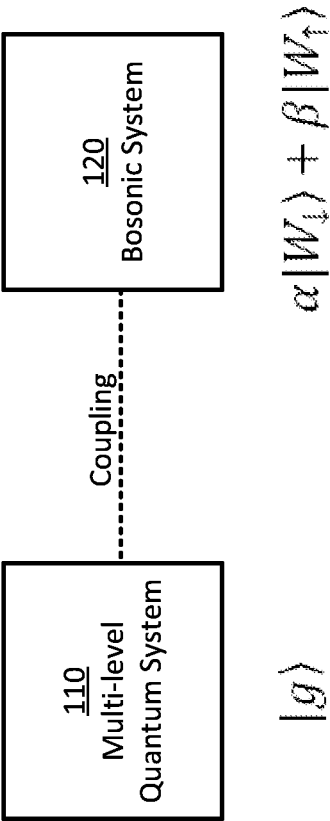


FIG. 1B

200 →

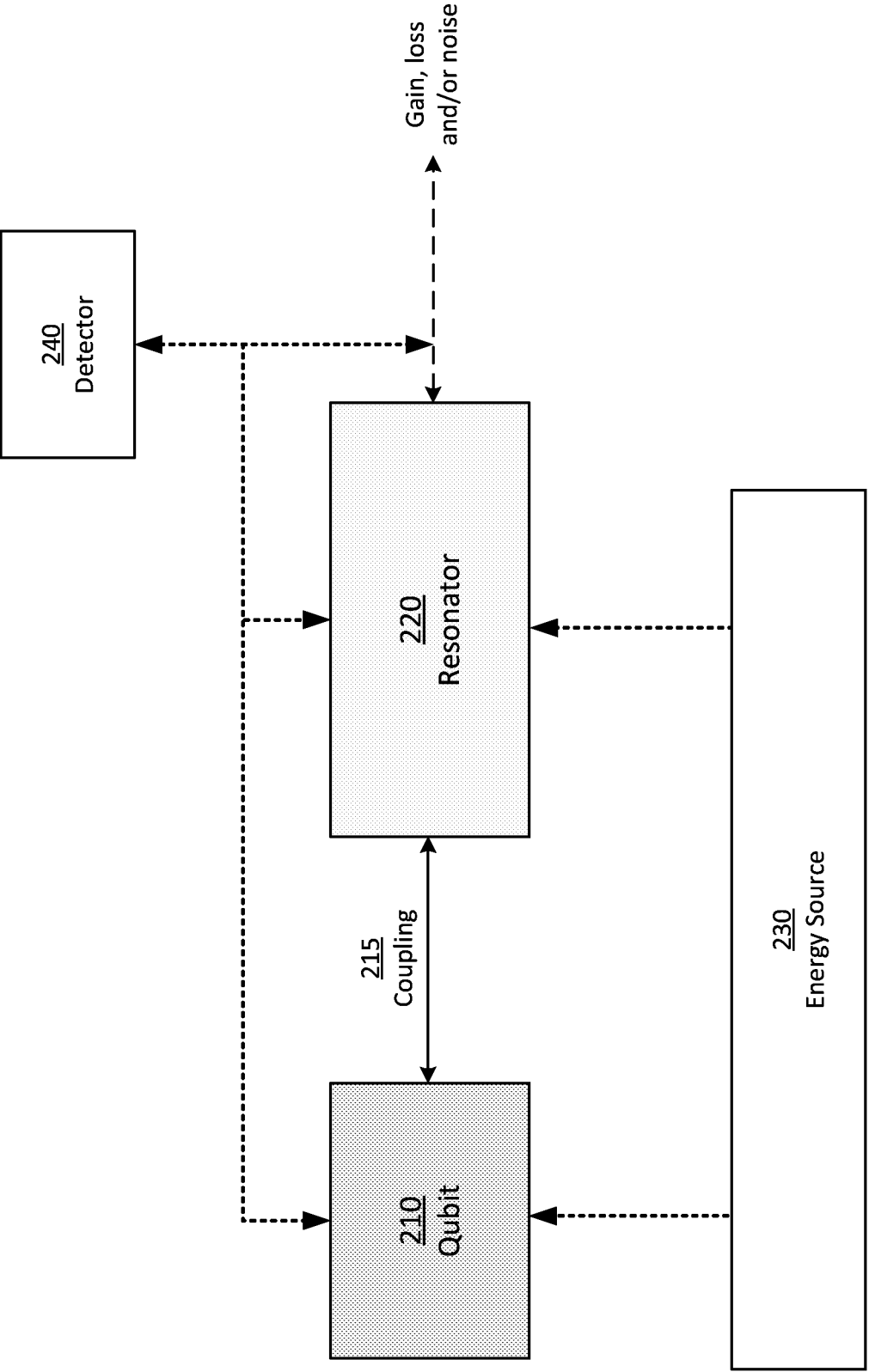
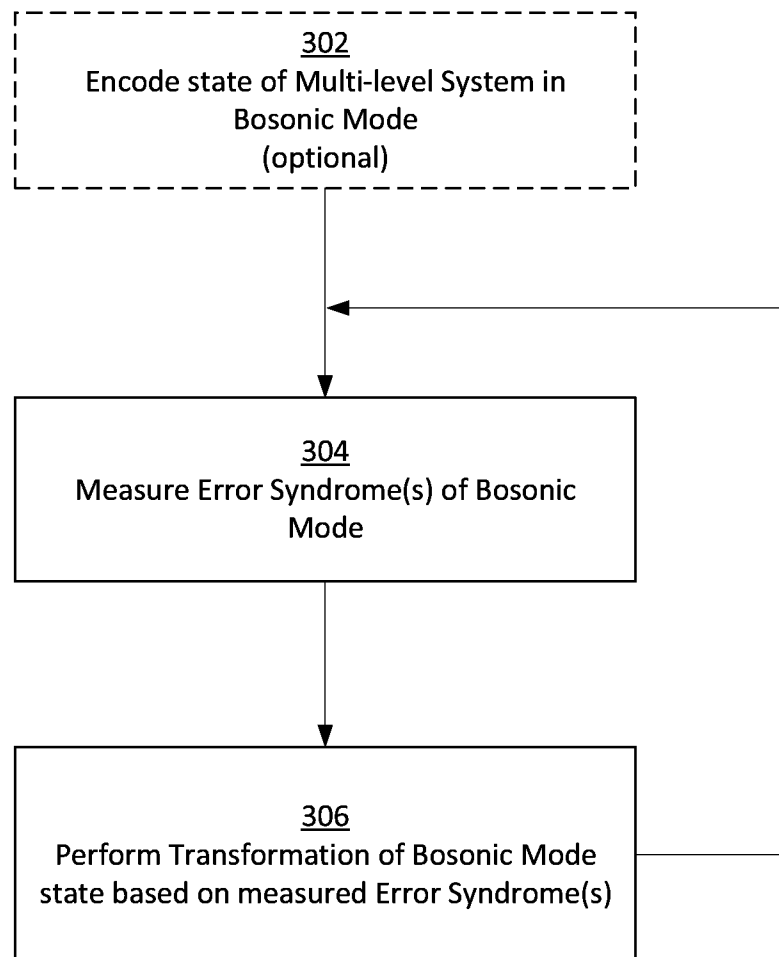
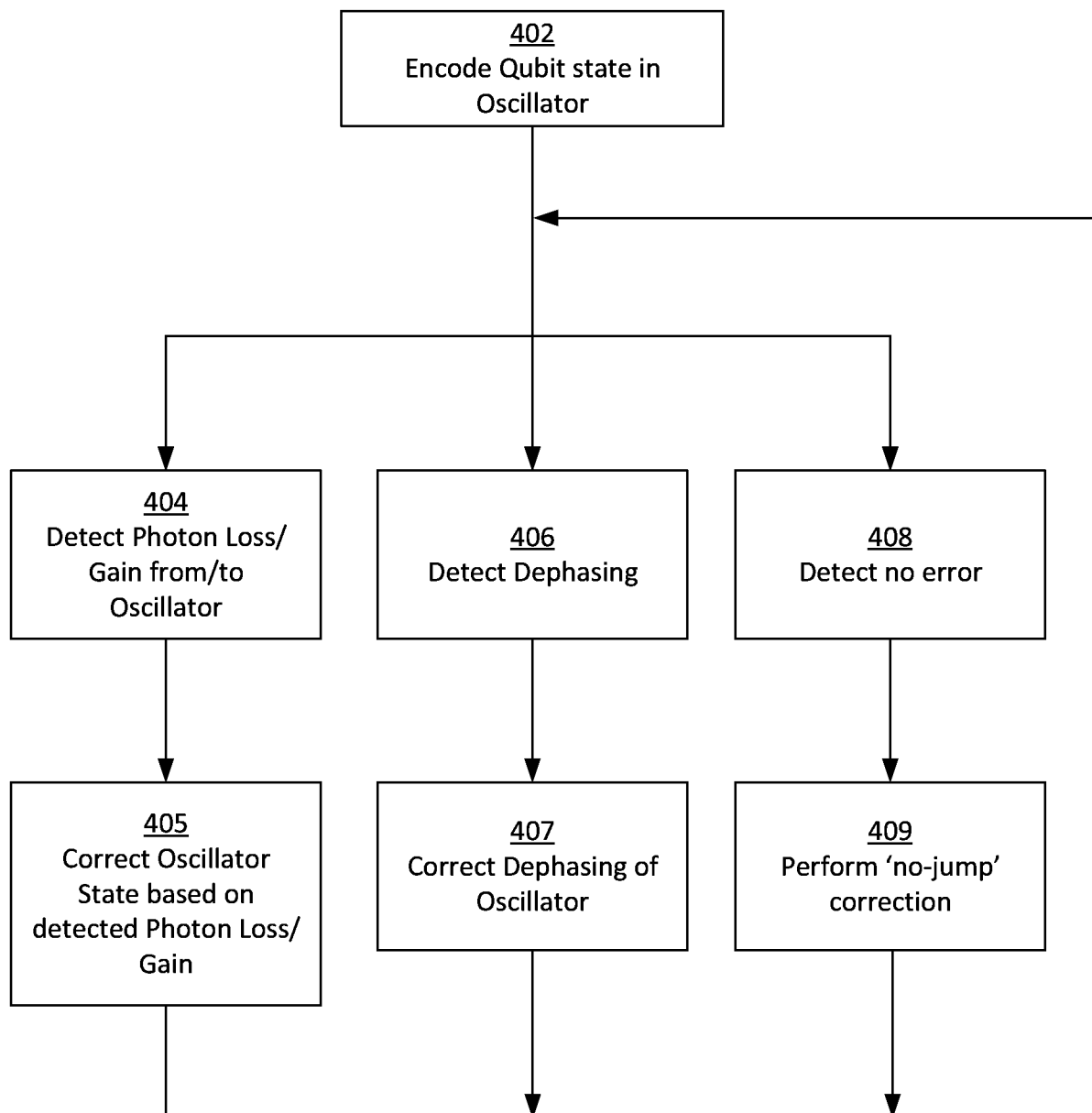


FIG. 2

300 ↗

**FIG. 3**

400 ↗

**FIG. 4**

500 →

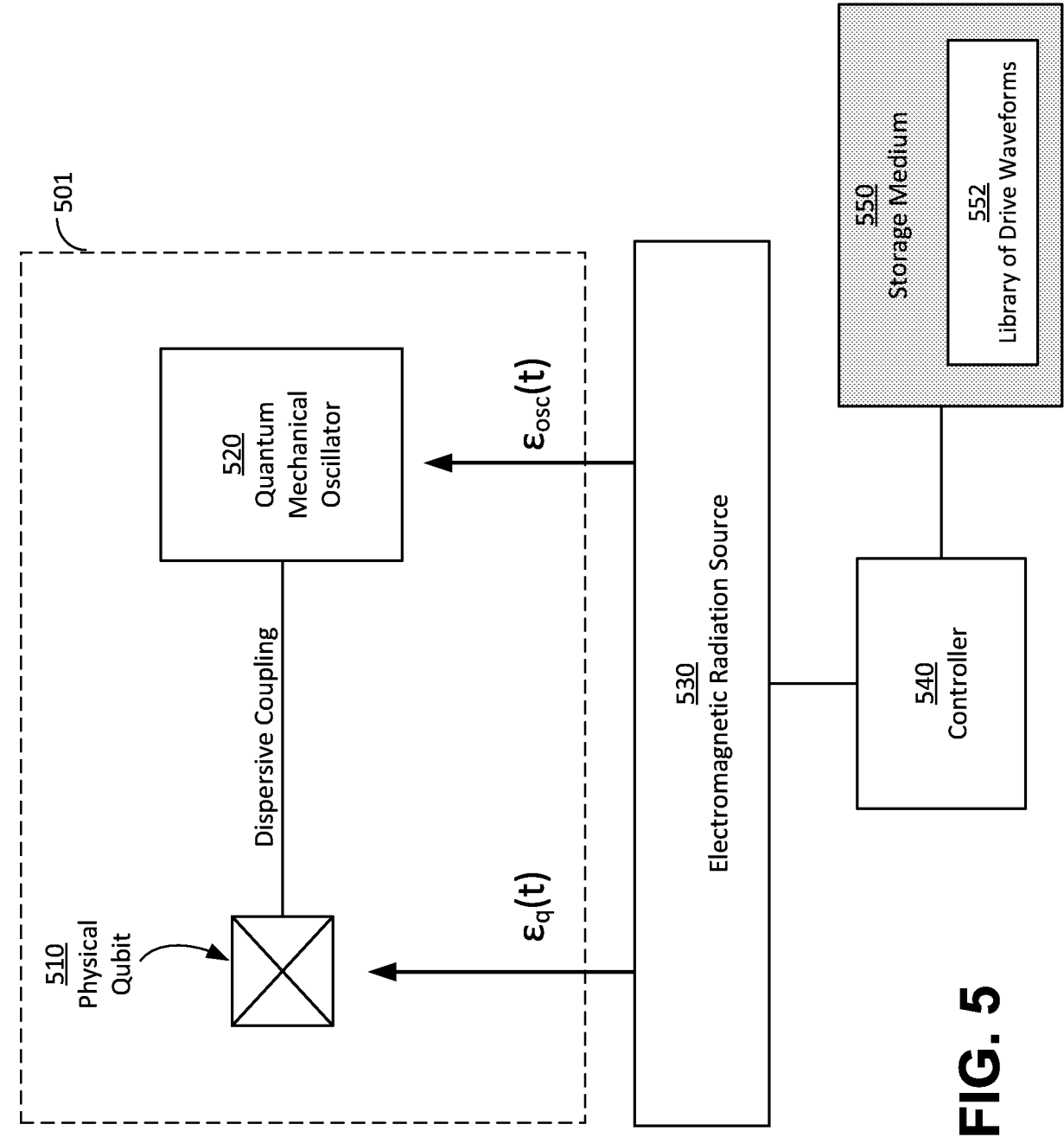


FIG. 5

600

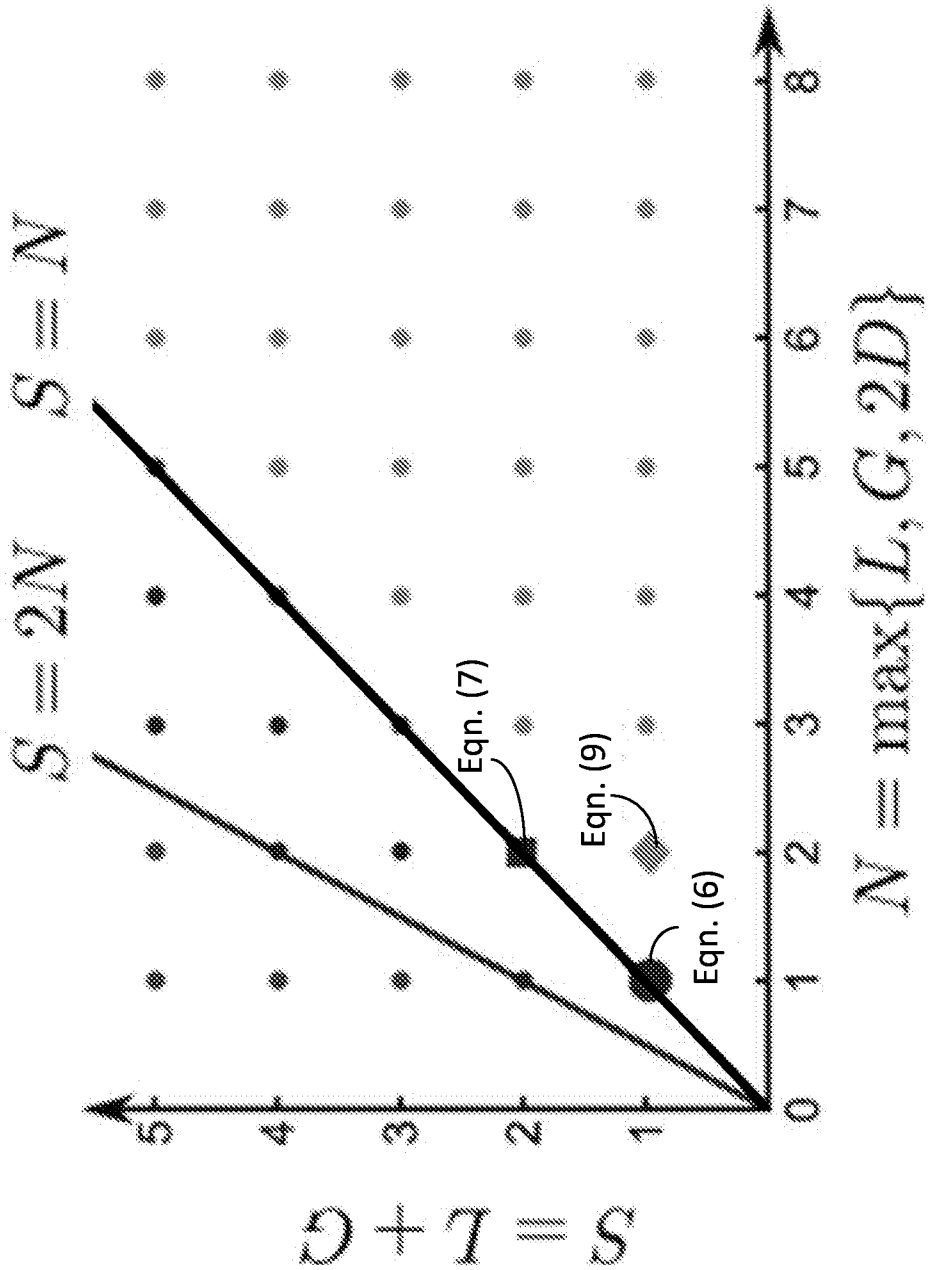


FIG. 6

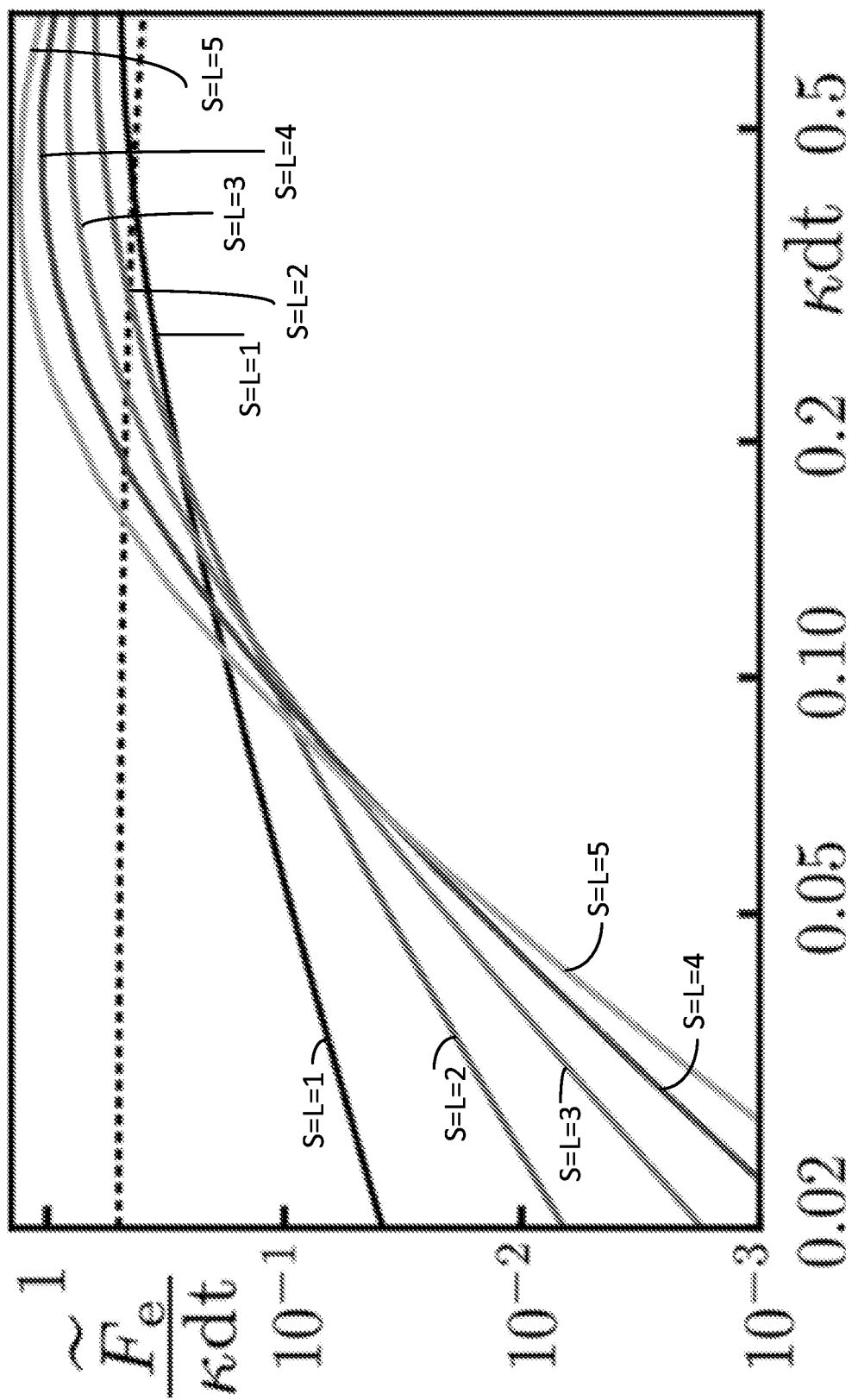


FIG. 7

FIG. 8A

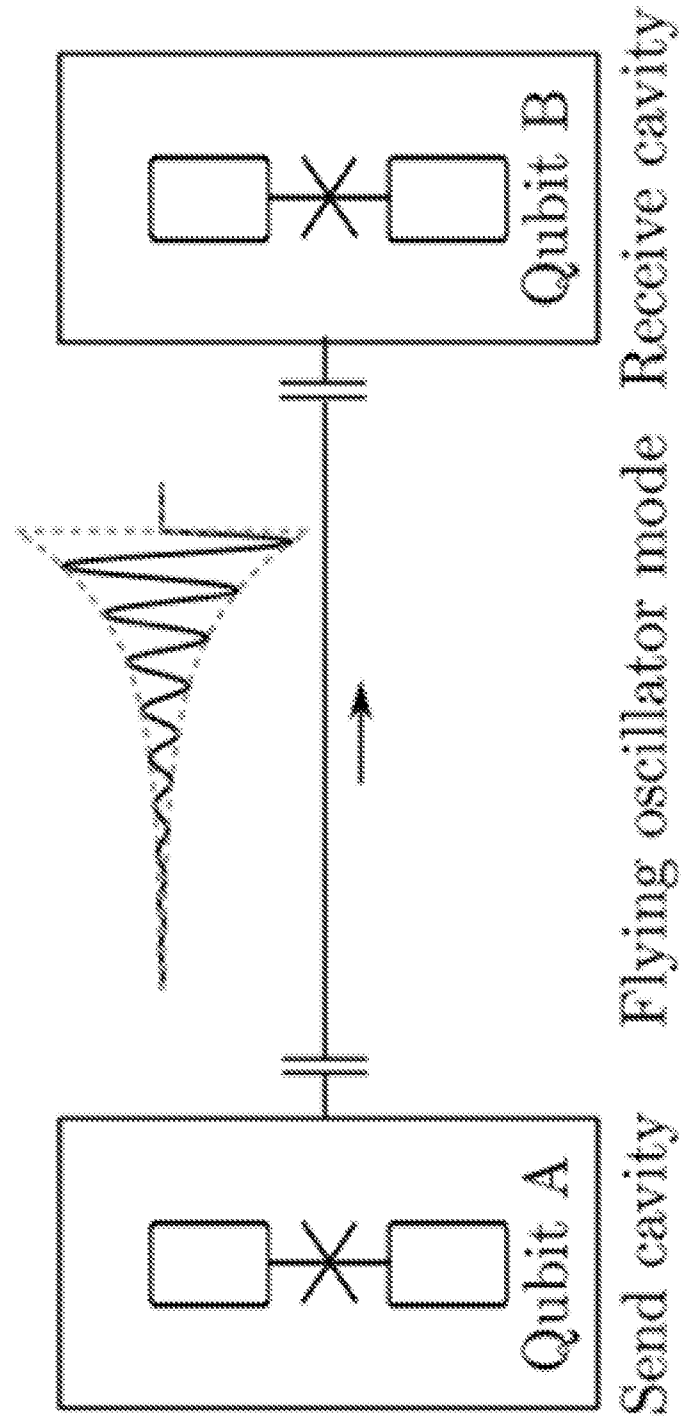


FIG. 8B

$$\alpha|e_A\rangle + \beta|g_A\rangle$$

Encoding

$$\alpha|W_{\uparrow}^S\rangle + \beta|W_{\uparrow}^S\rangle \longrightarrow \alpha|W_{\uparrow}^F\rangle + \beta|W_{\uparrow}^F\rangle \longrightarrow \alpha|W_{\uparrow}^R\rangle + \beta|W_{\uparrow}^R\rangle$$

$$\alpha|e_B\rangle + \beta|g_B\rangle$$

QEC & decoding

900 ↗

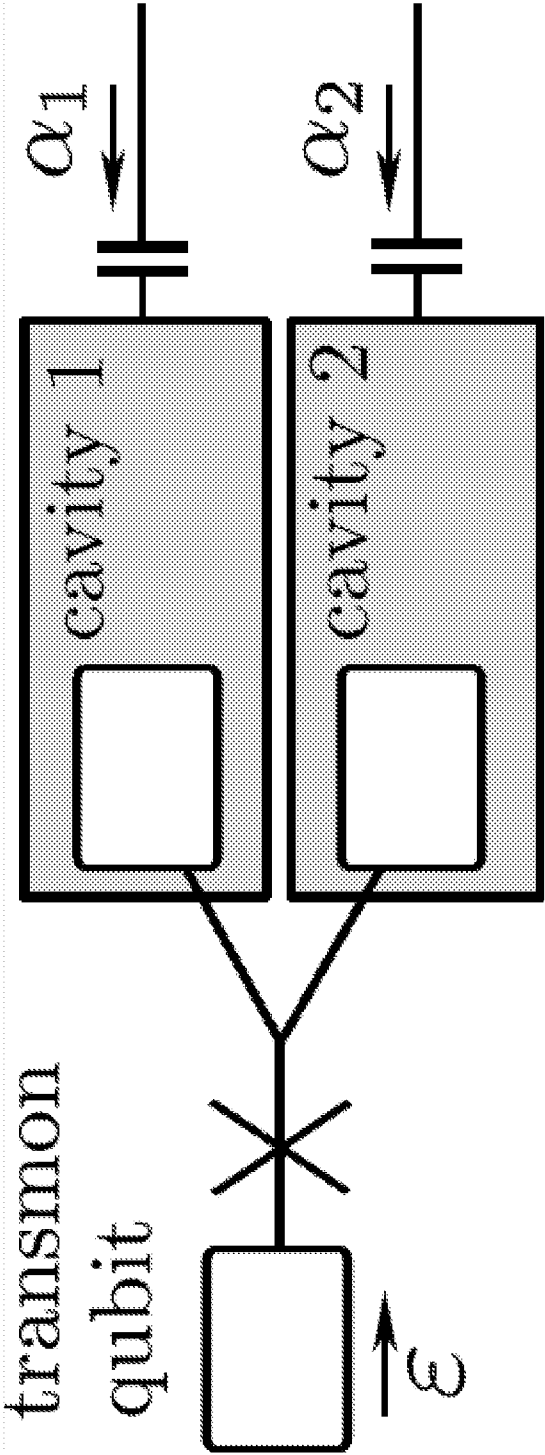


FIG. 9