| Layer 1 | $G_1(x) = (1,0,1,0,1)$ | $\langle G_{x}(1), G_{x'}(1) \rangle = 1$ | $G_1(x') = (0,1,1,1,0)$ |
|---------|--|--|---|
| Layer 2 | $G_2(x) = (0,1,0,1,0)$ | $\langle G_{x}(1), G_{x'}(2) \rangle = 2$ | $G_2(x') = (0,1,1,1,0)$ |
| Layer 3 | $G_3(x) = (1,0,1,0,1)$ | $\langle G_{x}(1), G_{x'}(3) \rangle = 1$ | $G_3(x') = (0,1,1,1,0)$ |
| | Gating Feature of each layer for input x | total gates active for both x and x' in each layer | Gating Feature of each layer for input x' |