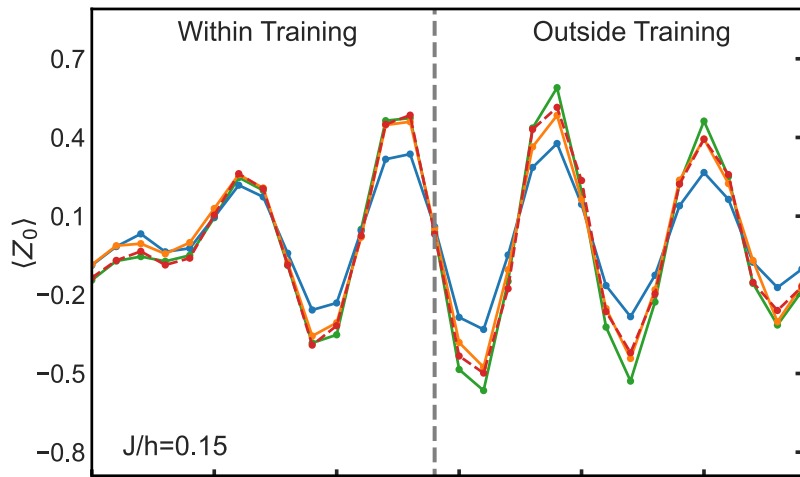


—●— Unmitigated    —●— ZNE    - - -●- - RF    — Ideal



Quantum circuit diagram showing repeated Trotter steps across four qubits ( $q_0, q_1, q_2, q_3$ ). The circuit is composed of multiple identical blocks, each containing the following sequence of operations:

- Rotation gates ( $R_X$ ) on  $q_0$  and  $q_2$ .
- CNOT gates from  $q_0$  to  $q_1$  and  $q_2$  to  $q_3$ .
- Rotation gates ( $R_Z$ ) on  $q_1$  and  $q_3$ .
- CNOT gates from  $q_1$  to  $q_0$  and  $q_3$  to  $q_2$ .

