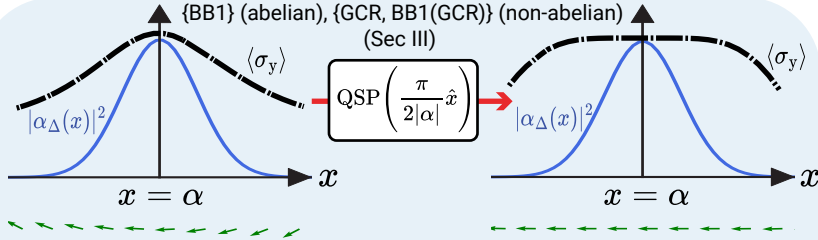


(Hybrid CV-DV architectures)
 superconducting cavity-circuit,
 collective motional modes-ion qubit,
 atomic motional modes-atom qubit



(Applications in CV-DV control theory)
 deterministic bosonic state preparation (Sec IV),
 high-fidelity control of bosonic error-corrected qudits (Sec V),
 phase estimation (Sec VIA)