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Scott

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Goals

- Build intuition for how a photon can be described by 2 qubits
- Analyze the bomb detection scheme

Announcements

- How is the schedule working?
- Group work reflection now mandatory...will be reading group reflections together.

Group Problem Solving

1. If U is a unitary and $|\psi\rangle$ is a state, is $U|\psi\rangle$ always a state?
2. How do we know there always a *quantum operation* that reverses U ?