## Effect of Decoherence and Measurement Strength on the Fidelity of a Quantum Uncollapsing Operation

**Quantum uncollapsing** is, rudimentarily, the taking of two partial measurements that contradict each other with a Pi rotation in between which, although yielding no new classical information, restores the original quantum state.

**Fidelity**, here, refers to the certainty that, given the uncollapsing procedure was completed, the original state has been restored completely.



## **Important Results**

