### Quantum Teleportation Counterplan

#### Text: The United States federal government should invest in quantum teleportation.

#### Quantum teleportation key for quantum computing

**Metz 12** (Cade Metz, editor of Wired Enterprise, the US Editor of The Register, one of the world's largest science and technology news sites, “Physicists Foretell Quantum Internet With Entangled Photon Router”, 8/10/12, <http://www.wired.com/wiredenterprise/2012/08/quantum-router/>)

But if we build a world of quantum computers, we’ll also need a way of transporting quantum data — the multiple values so delicately held in those qubits — from machine to machine… In other words, the experiment only transmits one qubit at a time — and the quantum internet needs a bit more bandwidth than that.

#### Quantum Computing solves all their internal links to solvency better than they do

**Aaronson and Bacon 08** (Scott Aaronson PhD, Associate Professor of Electrical Engineering and Computer Science at MIT, affiliated with CSAIL (Computer Science and Artificial Intelligence Laboratory), Dave Bacon PhD, University of Washington, Assistant Research Professor Department of Computer Science & Engineering, Adjunct professor, Department of Physics, “Quantum Computing and the Ultimate Limits of Computation: The Case for a National Investment”, December 12, 2008, <http://www.cra.org/ccc/docs/init/Quantum_Computing.pdf>)

First, quantum computing must be considered a national security issue… Finally, to support these efforts, we recommend that the NSF’s existing modest investment in the theoretical foundations of computer science be enhanced.