

# Publications

---

## REFERRED PUBLICATIONS

10. “The Fibonacci scheme for fault-tolerant quantum computation,” *Phys. Rev. A* **79** (2009) 012332, with J. Preskill.
9. “Fault-tolerant computing with biased-noise superconducting qubits,” *New J. Phys.* **11** (2009) 013061, with F. Brito, D. P. DiVincenzo, J. Preskill, M. Steffen, and B. M. Terhal.
8. “Fault-tolerant quantum computation against biased noise,” *Phys. Rev. A* **78** (2008) 052331, with J. Preskill.
7. “Accuracy threshold for postselected quantum computation,” *Quant. Inf. Comput.* **8** (2008) 181–244, with D. Gottesman and J. Preskill.
6. “Subsystem fault tolerance with the Bacon-Shor code,” *Phys. Rev. Lett.* **98** (2007) 220502, with A. W. Cross.
5. “Effective fault-tolerant quantum computation with slow measurements,” *Phys. Rev. Lett.* **98** (2007) 020501, with D. P. DiVincenzo.
4. “Fault-tolerant quantum computation for local leakage faults,” *Quant. Inf. Comput.* **7** (2007) 139–156, with B. M. Terhal.
3. “Quantum accuracy threshold for concatenated distance-3 codes,” *Quant. Inf. Comput.* **6** (2006) 97–165, with D. Gottesman and J. Preskill.
2. “Simple proof of fault tolerance in the graph-state model,” *Phys. Rev. A* **73** (2006) 032308, with D. W. Leung.
1. “Computation by measurements: A unifying picture,” *Phys. Rev. A* **70** (2004) 062314, with D. W. Leung.

## BOOK CHAPTERS

1. “Quantum Fault Tolerance,” in preparation, in D. Lidar, P. Zanardi, and T. Brun (editors), *Quantum Error Correction*, Cambridge University Press (2009).

## THESES

2. “Level Reduction and the Quantum Threshold Theorem,” Ph.D. thesis, CALT-68-2641, California Institute of Technology, Pasadena, CA (2007).
1. “Construction of Multi-Wavelength Fiber Source for WDM Optical Networks,” Diploma thesis, National Technical University of Athens, Athens, Greece (2000).