

Invited talk given on June 13, 1996 at the *Workshop on Quantum Optics, June 13–14, 1996*, organized by the *Humboldt University of Berlin*, Berlin, Germany.

QUANTUM LOGIC, QUANTUM COMPUTERS, AND QUANTUM OPTICS

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Summary

In this talk I shall put forward a proposal for a simulation of a quantum computer by means of quantum optics entanglement experiments, i.e., the interference of the fourth order. I doing so, I point out particular features of quantum logic—the language of quantum computers—which play particular rules in the simulation model.