

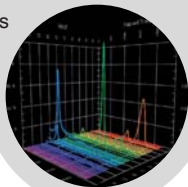
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"random sequence," do we mean something like measure theory? I suspect that one is forced to take the definition of "random" to be "outcome of an observation, or measurement, of a single qubit whose state is a superposition of two basis states." I have no objection to that definition, just as I have no objection to the second law of thermodynamics. But the notions of probability and random must be made explicit.

My objections should not be taken as negative. In fact, they are evidence that *Quantum Computing Since Democritus* is stimulating. It should prove valuable to anyone interested in computational complexity, quantum mechanics, and the theory of quantum computing.

Francis Sullivan

*Institute for Defense Analyses
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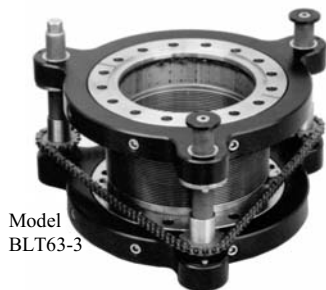
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