## 1086-68-2348 **Peter W Shor\*** (shor@math.mit.edu), Room 2-362, MIT, 77 Mass. Ave, Cambridge, MA 02482. Recent Developments in Quantum Information.

When considered in the light of quantum mechanics, both the theory of computation and the theory of information undergo considerable changes. We will discuss some recent developments in these areas. (Received September 25, 2012)