Numerical solutions of stochastic differential equations are more often used to simulate the solutions than to find them, so the rate of convergence in distribution of numerical solutions is especially interesting. We will talk about the rates of convergence, both almost sure and in distribution, of various schemes, with emphasis on the stochastic wave equation.

JOHN WALSH, University of British Columbia, Vancouver, BC *The Rate of Convergence of Numberical Solutions of SPDEs*