# Silicon ($^{28}$Si)
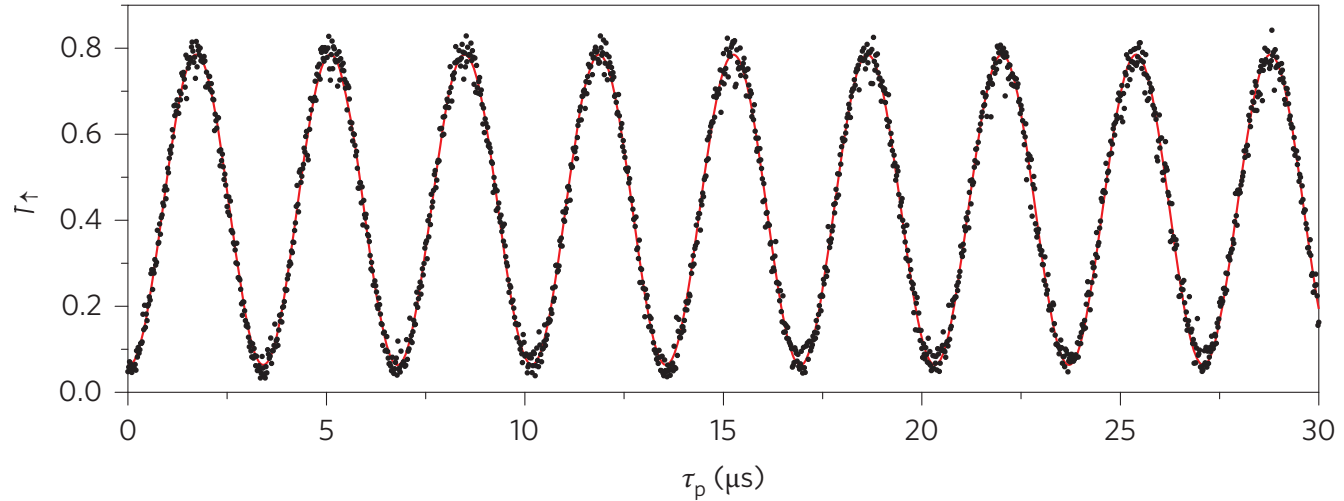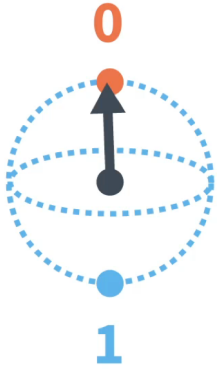


$$H_{RF} \sim \Sigma \; A_i(t) \; \cos(\omega_i \, t) \; \sigma_{xi}$$

M. Veldhorst, J.C.C. Hwang, C.H. Yang, A.W. Leenstra, B. de Ronde, J.P. Dehollain, J.T. Muhonen, F.E. Hudson, K.M. Itoh, A. Morello, A.S. Dzurak.  "An addressable quantum dot qubit with fault-tolerant control-fidelity." Nature Nanotechnology 9, 981-985 (2014).