**GARY WALSH**, University of Ottawa, 585 King Edward St., Ottawa, Ontario K1N 6N5 Don't try to solve these Diophantine equations

Although the problem of determining all integer points on an elliptic curve can readily be solved by any number of math packages nowadays, it is often the case that such problems resist elementary approaches. We will discuss just such a problem, due to Martin Gardner, along with a related family of elliptic curves (and related Thue equations) that continue to resist solution by any known method, elementary or not.