In (1) we have restricted ourselves to I(P) > 4, because the curious reader will find it easy to produce an infinite number of P with I(P) = 4. Further, (2) simply generalizes the question: "Are there infinitely many primes of the form  $m^2 + 1$ ?

**Remark 5:** In Proposition 7 we describe all pairs of positive integers P and Q with  $P^2 \equiv 1 \pmod{Q}$  and  $Q^2 \equiv 1 \pmod{P}$ . This problem was posed by Tom Cusick of the University of Buffalo at a meeting of the Seaway Number Theory Conference in May 1991. We understand that he also has a description by a different method.

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## GENERALIZED PASCAL TRIANGLES AND PYRAMIDS: THEIR FRACTALS, GRAPHS, AND APPLICATIONS

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This monograph was first published in Russia in 1990 and consists of seven chapters, a list of 406 references, an appendix with another 126 references, many illustration and specific examples. Fundamental results in the book are formulated as theorems and algorithms or as equations and formulas. For more details on the contents of the book, see *The Fibonacci Quarterly* 31.1 (1993):52.

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