

$$\underline{\underline{x, y \in \mathbb{Z}^+}}$$

Pell's Equation!

$$\underline{\underline{x^2 - 7y^2 = 1}}$$

$$\underline{\underline{x, y < 200}}$$



Pells Equation

Boris Pritsker



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induction This volume provides advanced undergraduates and graduate students with an introduction and a thorough exposure to these proof techniques 2017 edition Scientia Magna, Vol. 3, No. 4, 2007 Zhang Wenpeng, Papers on the mean value of the Smarandache LCM function Pseudo Smarandache Squarefree function the irrational root sieve sequence assessment method for weight of experts at interval judgment miscellaneous remark on problems involving Mersenne primes a successive linear programming algorithm for SDP relaxation of binary quadratic programming and other similar topics Contributors X Pan B Liu H Liu A R Gilani B N Waphare N T Quang P D Tuan S Hussain B Ahmad A Jing F Liang J Wang and many others Number Theory Prof. Jyothi M. J., Dr. Kemparaju R., 2024-09-13 Number Theory is a comprehensive exploration of the foundational concepts theorems and applications in number theory Prime numbers congruences and Diophantine equations offering both classical insights and modern perspectives It caters to a broad audience from students to advanced mathematicians with a focus on problem solving proofs and historical context Rich with examples exercises and applications Number Theory illuminates the subject's intrinsic beauty and its significance in fields like cryptography computer science and mathematical research **How Euler Did It** C. Edward Sandifer, 2007-08-30 A collection of 40 monthly columns from MAA Online about the work of the 18th century Swiss mathematician Leonhard Euler *How Euler Did It* G. Edward Sandifer, 2020-08-03 The final 35 How Euler Did It columns are all collected in this book They are lightly edited versions of the columns as they actually appeared on MAA Online between March 2007 and February 2010

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