

# Unit Equations In Diophantine Number Theory (Cambridge Studies In Advanced Mathematics) By Jan-Hendrik Evertse;Kálmán Györy

By Jan-Hendrik Evertse;Kálmán Györy

On  $S$ -unit equations in two unknowns On the number of solutions of linear equations in units of an algebraic number On the solutions of linear diophantine  
[http://link.springer.com/article/10.1007%2F978-1-4020-1393-7\\_43](http://link.springer.com/article/10.1007%2F978-1-4020-1393-7_43)

moduli spaces,  $S$ -unit equations Reduction, dynamics, and Julia sets of rational functions , J. Number Theory 86 Jan-Hendrik Evertse,  
[http://aif.cedram.org/item?id=AIF\\_2010\\_\\_60\\_3\\_953\\_0](http://aif.cedram.org/item?id=AIF_2010__60_3_953_0)

Jan Hendrik Bruinier The modular approach to diophantine equations, Number Theory, Modular Forms: A Computational Approach, Graduate Studies in Mathematics,  
<http://magma.maths.usyd.edu.au/magma/citations/area/NumThy/>

Jan-Hendrik Evertse Dr. my recent results on effective bounds for the solutions of Diophantine equations over finitely and Number Theory,  
<https://www.birs.ca/testimonials>

Some remarks on diophantine equations and diophantine the nitensness statement for the number of solutions of the unit equation was singled out by C  
<https://www.imj-prg.fr/~michel.waldschmidt/articles/pdf/CLMW-DEDA2011.pdf>

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Computational number theory and its applications Györy K Im n Herendi Cl. Fuchs, A. Pethő, R.F. Tichy: On the diophantine equation  $G_n(x)=G_m(y)$   
<http://nyilvanos.otka-palyazat.hu/index.php?menuid=930&num=38225>

equations in the ring of integers of any number field of on Roquette's unit density for algebraic Diophantine equations defined over  
[http://www.encyclopediaofmath.org/index.php/Algebraic\\_Diophantine\\_equations](http://www.encyclopediaofmath.org/index.php/Algebraic_Diophantine_equations)

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Workshop on cryptographic number theory One day meeting on Cryptographic Number Theory Mathematics ac.jp ) Some remarks on the Number Theory and Diophantine  
<http://ml-struct-svm.googlecode.com/svn./trunk/DataSet/Dmoz/raw-dataset/preprocessing/dataset-52.xml>

Diophantine number theory is an active area devoted to these equations. Unit Equations in Diophantine Number Theory, Jan-Hendrik Evertse, K Im n Gy ry,  
<http://www.numbertheory.org/ntw/ntw.xml>  
The S-unit equation is a Diophantine equation  $v$  restricted to being S-units of  $K$ . The number of solutions of this equation is finite and the solutions are  
<http://en.wikipedia.org/wiki/S-unit>

This generalizes a result of Erdős, Stewart and Tijdeman [7] for S-unit equations in two algebraic number field  $K$  Diophantine equations with  
<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.237.6394>

or whether a solution up to a torsion unit suffices. The maximal number of required solutions can be Thue equations are Diophantine equations of the  
<http://magma.maths.usyd.edu.au/magma/handbook/text/385>

The study of Diophantine equations has a long and rich history, (S)-unit equations; The number of solutions of some Diophantine equations;  
<http://www.ams.org/bookstore-getitem/item=TIFR-12>

An old paper of S.Chowla on unit equations.  $\epsilon_2$  are units of a given number referred elsewhere for the estimate from Diophantine approximation  
<http://mathoverflow.net/questions/194454/an-old-paper-of-s-chowla-on-unit-equations>

Jan-Hendrik Evertse, Video: K Im n Gy ry, "Effective results for Diophantine equations over finitely generated domains"  
<http://www.birs.ca/videos/2014>

The connection between units and Diophantine equations better equations. Let  $K$  be a number field of degree  $n$ ,  $Z_K$  its ring of integers and  
[http://page.math.tu-berlin.de/~kant/MP60/talk\\_pethoe.pdf](http://page.math.tu-berlin.de/~kant/MP60/talk_pethoe.pdf)

com/locate/jnt Quartic Thue equations Professor Jan-Hendrik Evertse and Professor K Im n Gy ory for Number Theory, Cambridge  
<http://www.sciencedirect.com/science/article/pii/S0022314X09002157>

Number Theory Unit 8: Diophantine Equations (Course M381) [Alan Best] on Amazon.com. \*FREE\* shipping on qualifying offers.  
<http://www.amazon.com/Number-Theory-Unit-Diophantine-Equations/dp/0749264497>

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<http://www.lovereadings4kids.co.uk/series/Cambridge%20Studies%20in%20Advanced%20Mathematics>

The solutions to a certain system of Diophantine equations and congruences determine, and are determined by, units in galois cubic number fields. These solution  
<http://www.sciencedirect.com/science/article/pii/0022314X81900238>

Apr 18, 2015 Computational discrete mathematics: advanced lectures Helmut Alt. from analytic number theory to constructive approximation: Jan-Hendrik Evertse.  
<http://pastebin.com/TU7JEgB7>

by number. ceased working. K Im n Gy ry: year of birth: 1940: name of institution: University of Debrecen. mathematics and computing:  
[http://www.doktori.hu/index.php?menuid=192&sz\\_ID=2417&lang=EN](http://www.doktori.hu/index.php?menuid=192&sz_ID=2417&lang=EN)

azonos t : 42985: t pus: K: Vezet kutat : Gy ry K Im n: magyar c m: Effekt v, kvantitat v s sz m t g pes vizsg latok a diofantikus egyenletek  
<http://nyilvanos.otka-palyazat.hu/index.php?menuid=930&num=42985>

X2 Our proofs of Theorems 1 and 2 make essential use of Schlickewei's result on the S-unit equation over number number ~ EXPONENTIAL DIOPHANTINE EQUATIONS

<http://www.sciencedirect.com/science/article/pii/0022314X9190038D>

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Another heuristic idea utilized in the study of Diophantine equations is the fact that if the number of "Diophantine equations with by -unit equations.

[http://www.encyclopediaofmath.org/index.php/Diophantine\\_geometry](http://www.encyclopediaofmath.org/index.php/Diophantine_geometry)

on upper bounds for the numbers of solutions of diophantine equations and then we sketch how number of solutions of unit equations and

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.54.963>

%0 Journal Article %A Morita, Yasuo %D 1988 %F 2433/100555 %I %T A Note on the Hilbert Irreducibility Theorem, the Irreducibility

<http://repository.kulib.kyoto-u.ac.jp/dspace/search-export?query=theorem&target=/&count=8463&format=endnote>

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<http://www.amazon.com/Equations-Diophantine-Cambridge-Advanced-Mathematics/dp/1107097606>

The papers in this volume cover a broad spectrum of number theory including geometric, Advanced Search Mathematics Number theory

<http://universitypublishingonline.org/cambridge/aaa/ebook.jsf?bid=CBO9780511542961>

Elementary and analytic number theory arithmetic and trigonometry Advanced Studies in Mathematics Steven G Diophantine equations Pure & Applied

<https://lumbungbuku.wordpress.com/2013/page/76/>

Computer algebra and differential equations (1994, Cambridge discrete mathematics. Advanced Mathematics Studies) Planar graphs: theory and <http://rutracker.org/forum/viewtopic.php?t=3847696>  
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