

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Record Nr.           | UNINA9910825190003321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Titolo                  | Theorie des nombres : comptes rendus de la Conference internationale de theorie des nombres tenue a l'Universite Laval, 5-18 juillet 1987 / / editeurs, Jean-Marie de Koninck, Claude Levesque = Number theory : proceedings of the International Number Theory Conference held at Universite Laval, July 5-18, 1987 / editors, Jean-Marie de Koninck, Claude Levesque                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Pubbl/distr/stampa      | Berlin ; ; New York : , : W. de Gruyter, , 1989                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ISBN                    | 3-11-085279-9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Edizione                | [Reprint 2011]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Descrizione fisica      | 1 online resource (1026 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Collana                 | De Gruyter Proceedings in Mathematics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Classificazione         | SD 1987                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Altri autori (Persone)  | De KoninckJ.-M <1948-> (Jean-Marie)<br>LevesqueClaude <1946->                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Disciplina              | 512/.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Soggetti                | Number theory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Lingua di pubblicazione | Francese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Note generali           | Description based upon print version of record.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Nota di bibliografia    | Includes bibliographical references.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Nota di contenuto       | Front matter -- Introduction -- Remerciements / Acknowledgements -- Liste des participants / List of participants -- Table des matières / Table of contents -- Exponential Diophantine equations / Alex, L. J. / Foster, L. L. -- Quantitative aspects of the representations of integers by quadratic forms / Arenas, A. -- Diagonal cubic equations, I / Baker, R.C. -- Irrational dilations of approximate multiplicative semigroups of integers / Berend, Daniel -- Some special features of the Jacobi group / Berndt, Rolf -- Généralisation de suites de Pisot et de suites de Boyd / Bertin, . J . -- Salem numbers of degree four have periodic expansions / Boyd, David W. -- Applications of partition theory to groups: Covering the alternating group by products of conjugacy classes / Brenner, J . L . / List, R . J . -- Variation of local heights on an algebraic family of abelian varieties / Call, Gregory S. -- Sur une fausse forme modulaire liée à des identités de Ramanujan et Andrews / Cohen, Henri -- Global orders in definite quaternion algebras as endomorphism rings for reduced CM elliptic curves / Dorman, David R. -- Distribution properties of continuous curves / Drmota, Michael / Tichy, Robert F. -- On the torsion in quotients of the multiplicative groups in abelian extensions / Dummit, D. S. -- Binary quadratic forms |

over rings of algebraic integers: a survey of recent results / Earnest, A. G. -- Places totalement décomposées dans des  $\mathbb{Z}_p$ -extensions d'un corps de nombres / Emsalem, Michel -- Grandes valeurs de fonctions liées aux diviseurs premiers consécutifs d'un entier / Erdős, Paul / Nicolas, Jean-Louis -- The maximal order and the average order of multiplicative function  $(e)(n)$  / Fabrykowski, J. / Subbarao, M.V. -- Discrépance quadratique de suites infinies en dimension un / Faure, Henri -- Integral solutions of linear systems / Flahive, Mary E. -- Fractional parts of sequences / Friedlander, John B. -- On the distribution of divisor class groups of curves over a finite field / Friedman, Eduardo / Washington, Lawrence C. -- Diophantine approximation, Kronecker's limit formula and the Riemann Hypothesis / Fujii, Akio -- Le théorème de Riemann-Roch et les corps de nombres algébriques / Gérardin, Paul -- Functional equations and periodic sequences / Gérardin, Paul / Li, Wen-Ch'ing Winnie --  $\mathbb{Z}_p$ -extensions of function fields / Gold, R. / Kisilevsky, H. -- Pseudoprimes on elliptic curves / Gordon, Daniel M. -- Least primes in arithmetic progressions / Granville, Andrew -- Cyclic Galois extensions and normal bases / Greither, Cornelius -- Cubic and biquadratic pseudoprimes of Lucas type / Gurak, S. -- On some mean value results for the Riemann zeta-function / Hafner, J.L. / Ivi, A. -- Classical explicit reciprocity / Hélou, Charles -- The distribution of badly approximable numbers and continuants with bounded digits / Hensley, Doug -- Approximation de périodes de fonctions méromorphes / Hirata, Noriko -- L-series of automorphic forms on  $GL(3, \mathbb{R})$  / Hoffstein, Jeff / Murty, M. Ram -- Equations différentielles Fuchsiennes et approximations diophantiennes / Huttner, Marc -- Exponential sums and the Riemann zeta function / Huxley, M.N. -- Some recent results on the Riemann zeta-function / Ivi, Aleksandar -- On the representations of a group as a Galois group over an arbitrary field / Jensen, C. U. -- On evaluation of certain limits in closed form / Kanemitsu, S. -- Potential theory on curves / Kani, Ernst -- Characterization of arithmetical functions, problems and results / Kátai, I. -- On a sufficient condition for the  $p$ -class tower of a CM-field to be infinite / Kisilevsky, H. / Labute, J. -- Calculation of general Gauss sums and quadratic Gauss sums in finite rings / Lamprecht, E. -- Transfinite diameter and Favard's problems on diameters of algebraic integers / Langevin, M. / Reyssat, E. / Rhin, G. -- Poles of Dirichlet series and  $D$ -modules / Lichtin, Ben -- Small prime solutions of linear equations / Liu, Ming-Chit / Tsang, Kai-Man -- Unusually large gaps between consecutive primes / Maier, Helmut / Pomerance, Carl -- On the congruence for Gauss sums and its applications / Miki, Hiroo -- On central extensions / Miyake, Katsuya -- Prime producing quadratic polynomials and real quadratic fields of class number one / Mollin, R.A. / Williams, H.C. -- Disjoint systems of rational Beatty sequences / Morikawa, R. -- Complete determination of all torsion groups of elliptic curves with integral absolute invariant over quadratic and pure cubic fields / Müller, Hans H. / Stroher, Harald / Zimmer, Horst G. -- On generalized zeta-functions / Müller, Helmut -- Bounds for solutions of simultaneous diagonal equations of odd degree / Nadesalingam, T. / Pitman, Jane -- Long arithmetic progressions and powers of 2 / Nathanson, Melvyn B. -- Sur la cohomologie de certains modules galoisiens  $p$ -ramifiés / Do, Thong Nguyen Quang -- On Euler's  $\phi$ -function in quadratic number fields / Nowak, Werner Georg -- Ternary code construction of even unimodular lattices / Ozeki, Michio -- On the distribution of values of an error term related to the Euler function / Petermann, Y.-F. S. -- Formes lineaires de logarithmes elliptiques et mesures de transcendance / Philippon, Patrice / Waldschmidt, Michel -- On a question of Tverberg / Pihko, Jukka --

Titchmarsh series / Ramachandra, . -- Galois representations associated to generic formal groups / Rosen, Michael / Zimmermann, Karl -- A local construction of the local root numbers / Snaith, Victor -- On Fermat d-pseudoprimes / Somer, Lawrence -- Exponential sums of digit counting functions / Stein, Alan H. -- Some computational results on a problem of Einsenstein / Stephens, A.J. / Williams, H.C. -- The Eisenstein measure and real quadratic fields / Stevens, Glenn -- Carmichael's conjecture and some analogues / Subbarao, M.V. / Yip, L. W. -- The algebraic independence of three numbers: Schneider's method / Tubbs, Robert -- The number of solutions of certain equations of the form  $f(xm) = g(yn)$  over a finite field / Meter, Robert G. Van -- On entire functions assuming integer values in a geometric sequence / Wallisser, R. V. -- Stickelberger's theorem for cyclotomic fields, in the spirit of Kummer and Thaine / Washington, Lawrence C. -- A propos d'un lemme de . Kato sur le groupe de Brauer en caractéristique / Wyler, Thomas -- Backmatter

---