

Services to the mathematical community

Reviews

A. International Journal of Number Theory (IJNT), World Scientific, Singapore

[1] **IJNT-D-10-00195**, L Houssain El Fadil,
Explicit factorization of prime integers and p -integral bases of quintic number fields defined by $X^5 + aX^2 + b$ (Preprint 2011),
(AMS MSC 11R21, 11R29, 11R04, 11Y40)

B. Asian-European Journal of Mathematics, World Scientific, Singapore

[1] **AEJM**, Abdelmalek Azizi, Abdelkader Zekhnini, and Mohammed Taous,
On the strongly ambiguous classes of $k|\mathbb{Q}(i)$ where $k = \mathbb{Q}(\sqrt{2p_1p_2}, i)$ (Preprint 2013),
(AMS MSC 11R37, 11R27, 11R29, 11R11, 11R16, 11R20)

C. Journal of Algebra and its Applications, World Scientific, Singapore

[1] **JAA**, Abdelmalek Azizi, Abdelkader Zekhnini, and Mohammed Taous,
Coclass of $\text{Gal}(k_2^{(2)}|k)$ for some fields $k = \mathbb{Q}(\sqrt{p_1p_2q}, \sqrt{-1})$ with 2-class groups of type $(2, 2, 2)$ (Preprint 2014),
(AMS MSC 11R37, 11R32, 11R29, 11R11, 11R16)

D. British Journal of Mathematics and Computer Science (BJMCS), Science-domain International, Hooghly, India

[1] **Ms-BJMCS-31510**, Ramamonjy Andriamifidisoa,
Multicyclic codes and algebraic dynamical systems (Preprint 2017),
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E. Acta Arithmetica, Poznan, Poland

[1] **170216**, Antonio Lei,
Estimating class numbers over metabelian extensions (Preprint 2017),
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[2] **170411**, Enver Ozdemir and Ergun Yaraneri,
Class numbers of real quadratic fields I (Preprint 2017),
(AMS MSC 11E16, 11R29, 11R11, 11Y05)

F. Mathematical Reviews (MR), Ann Arbor, Michigan, USA

[1]No. 1252345, **94m:11149**, Carlos Alberto Trujillo S.,
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- [2] No. 1336248, **96c:11128**, Stéphane Louboutin,
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An explicit integral basis for a pure cubic field,
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- [28] No. 3059109, **Dec 2013**, p. 144, Alejandro Aguilar-Zavoznik and Mario Pineda-Ruelas,
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 Far East J. Math. Sci. **71** (2012), no. 2, 329–348,
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- [29] No. 3105943, **May 2014**, 131–133, Jordi Guàrdia, Jesús Montes, and Enric Nart,
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 (AMS MSC 11Y40, 11Y05, 11R04, 11R27)
- [30] No. 3165518, **Oct 2014**, 81–83, Abdelmalek Azizi and Ali Mouhib,
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 J. Number Theory **147** (2015), 549–589,
 (AMS MSC 11R04, 11Y40, 14G15, 14H05)
- [34] No. 3368167, **2015**, Song Wang,
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- [36] No. 3557585, **2017**, Abdelmalek Azizi, Abdelkader Zekhnini, Mohammed Taous,
On the strongly ambiguous classes of some biquadratic number fields,
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- [37] No. 3596397, **2017**, Aissa Derhem, Mohamed Talbi, Mohammed Talbi,
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 Gulf J. Math. **4** (2016), no. 4, 171–181,
 (AMS MSC 11R37, 11R20, 11R29, 20D15)
- [38] No. 3604560, **2017**, Raimundo Bastos and Pavel Shumyatsky,
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- [40] No. 3686942, **2018**, Wenbin Guo and Andrej Sergeevich Mamontov,
On groups whose element orders divide 6 and 7,
 Sibirsk. Math. Zh. **58** (2017), no. 1, 88–94,
 (AMS MSC 20F50, 20D15, 20F05)

Courses

A. Karl-Franzens-University, Graz

1. *Elliptic and Automorphic Functions*, fall term 1983/84.
2. *Functional Analysis and Spectral Theory*, spring term 1984.
3. *Linear Algebra 1*, fall term 1984/85.
4. *Linear Algebra 2*, spring term 1985.
5. *Algebraic Number Theory*, fall term 1985/86.
6. *Linear Algebra*, spring term 1986.
7. *Analysis 1 (Differential Calculus)*, fall term 1986/87, in 2 groups.
8. *Analysis 2 (Integral Calculus)*, spring term 1987.
9. *Linear Algebra*, fall term 1987/88, in 2 groups.
10. *Analytic Geometry*, spring term 1988.
11. *Higher Algebra*, fall term 1988/89.
12. *Arithmetically Equivalent Number Fields*, spring term 1989.
13. *Modular Functions and Complex Multiplication*, fall term 1989/90.
14. *Voronoi's 1- and 2-Dimensional Unit Algorithms*, spring term 1990.

B. University of Manitoba, Winnipeg

1. *Galois Cohomology and Class Field Theory*, fall term 1990/91.
2. *Selected Topics on Dihedral Field Extensions*, spring term 1991.