



Universiteit
Leiden
The Netherlands

Division points in arithmetic

Javan Peykar, A.

Citation

Javan Peykar, A. (2021, January 5). *Division points in arithmetic*. Retrieved from <https://hdl.handle.net/1887/138941>

Version: Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/138941>

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/138941> holds various files of this Leiden University dissertation.

Author: Javan Peykar, A.

Title: Division points in arithmetic

Issue Date: 2021-01-05

Bibliography

- [Bar10] S. Barańczuk, *On a generalization of the support problem of Erdős and its analogues for abelian varieties and K -theory*, *Journal of Pure and Applied Algebra* **214** (2010), 380–384.
- [Bau01] H. Bauer, *Measure and integration theory*, Walter de Gruyter, 2001.
- [BGK05] G. Banaszak, W. Gajda, and P. Krason, *Detecting linear dependence by reduction maps*, *Journal of Number Theory* **115** (2005), 322–342.
- [Coh96] H. Cohen, *A course in computational algebraic number theory*, third ed., Springer, 1996.
- [CRS97] C. Corrales-Rodrigáñez and R. Schoof, *The support problem and its elliptic analogue*, *Journal of Number Theory* **64** (1997), 276–290.
- [FJ08] M.D. Fried and M. Jarden, *Field arithmetic*, third ed., Springer-Verlag, 2008.
- [Hil96] D. Hilbert, *Ein neuer Beweis des Kroneckerschen Fundamentalsatzes über Abelsche Zahlkörper*, *Nachrichten von der Gesellschaft der Wissenschaften zu Göttingen, Mathematisch-Physikalische Klasse* (1896), 29–39.
- [HR79] E. Hewitt and K.A. Ross, *Abstract harmonic analysis, vol. I*, second ed., Springer-Verlag, 1979.

- [Hu52] S. Hu, *Cohomology theory in topological groups*, Michigan Mathematical Journal **1** (1952), 11–59.
- [Iwa53] K. Iwasawa, *A note on Kummer extensions*, Journal of the Mathematical Society of Japan **5** (1953), 253–262.
- [Jav13] A. Javanpeykar, *Radical Galois groups and cohomology*, Master’s thesis, 2013, <http://www.math.leidenuniv.nl/scripties/1MasterJavanpeykar.pdf>.
- [Kha03] C. Khare, *Compatible systems of mod p Galois representations and Hecke characters*, Mathematical Research Letters **10** (2003), 71–83.
- [Lam91] T.Y. Lam, *A first course in noncommutative rings*, Springer-Verlag, 1991.
- [Lan87] S. Lang, *Elliptic functions*, second ed., Springer-Verlag, 1987.
- [Lan02] ———, *Algebra*, revised third ed., Springer-Verlag, 2002.
- [Lar02] M. Larsen, *The support problem for abelian varieties*, Journal of Number Theory **101** (2002), 398–403.
- [Len96] H.W. Lenstra, *Complex multiplication structure of elliptic curves*, Journal of Number Theory **56** (1996), 227–241.
- [Len07] H. W. Lenstra, *Commentary on H: Divisibility and congruences*, Andrzej Schinzel Selecta Vol. II, European Mathematical Society, 2007, pp. 901–902.
- [Neu99] J. Neukirch, *Algebraic number theory*, Springer-Verlag, 1999.
- [Pal14] W. J. Palenstijn, *Radicals in arithmetic*, PhD thesis, 2014, <https://openaccess.leidenuniv.nl/handle/1887/25833>.

-
- [Per09] A. Perucca, *Two variants of the support problem for products of abelian varieties and tori*, *Journal of Number Theory* **129** (2009), 1883–1892.
- [Per12] ———, *The multilinear support problem for products of abelian varieties and tori*, *International Journal of Number Theory* **8** (2012), 255–264.
- [RV99] D. Ramakrishnan and R. Valenza, *Fourier analysis on number fields*, Springer-Verlag, 1999.
- [RZ09] L. Ribes and P. Zalesskii, *Profinite groups*, Springer-Verlag, 2009.
- [Sch77] A. Schinzel, *Abelian binomials, power residues and exponential congruences*, *Acta Arithmetica* **32** (1977), 245–274.
- [Ser72] J.-P. Serre, *Propriétés galoisiennes des points d'ordre fini des courbes elliptiques*, *Inventiones Mathematicae* **15** (1972), 259–331.
- [Ser79] ———, *Local fields*, Springer-Verlag, 1979.
- [Ser89] ———, *Abelian l -adic representations and elliptic curves*, second ed., Addison-Wesley, 1989.
- [Sil94] J. Silverman, *Advanced topics in the arithmetic of elliptic curves*, Springer-Verlag, 1994.
- [Sil09] ———, *The arithmetic of elliptic curves*, Springer, 2009.
- [ST68] J.-P. Serre and J. Tate, *Good reduction of abelian varieties*, *Annals of Mathematics* **88** (1968), 492–517.
- [Wes03] T. Weston, *Kummer theory of abelian varieties and reductions of Mordell-Weil groups*, *Acta Arithmetica* **110** (2003), 77–88.

[Wil98] J. S. Wilson, *Profinite groups*, Clarendon Press, 1998.