

23(7)

The Universal Kolyvagin Recursion Implies the Kolyvagin Recursion

欧阳毅

清华大学

收稿日期 2004-11-11 修回日期 网络版发布日期 2007-6-7 接受日期 2005-3-22

摘要
关键词 [Euler system](#) [universal distribution](#) [Kolyvagin recursion](#)

分类号 [11G99](#)

The Universal Kolyvagin Recursion Implies the Kolyvagin Recursion

Yi OUYANG

Department of Mathematical Sciences, Tsinghua University, Beijing 100084, P. R. China

Abstract Let U_z be the universal norm distribution and M a fixed power of prime p . By using the double complex method employed by Anderson, we study the universal Kolyvagin recursion occurring in the canonical basis in the cohomology group $H^0(G_z, U_z/MU_z)$. We furthermore show that the universal Kolyvagin recursion implies the Kolyvagin recursion in the theory of Euler systems. One certainly hopes this could lead to a new way to find new Euler systems.

Key words [Euler system](#) [universal distribution](#) [Kolyvagin recursion](#)

DOI: 10.1007/s10114-005-0875-z

通讯作者 欧阳毅 youyang@math.tsinghua.edu.cn, youyang1025@gmail.com

扩展功能

本文信息

- ▶ [Supporting info](#)
- ▶ [PDF\(0KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [参考文献](#)

服务与反馈

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [复制索引](#)
- ▶ [Email Alert](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

相关信息

- ▶ [本刊中 包含“Euler system”的相关文章](#)
- ▶ [本文作者相关文章](#)
- [欧阳毅](#)