

---

**JONATHAN SANDS**, University of Vermont

*Zeta-functions and Finiteness of the Number of Ideal Classes in Quaternion Orders*

Inspired by Stark's analytic proof of the finiteness of class numbers of rings of integers in algebraic number fields, we provide an alternative, analytic proof of the finiteness of the number of classes of left ideals in a maximal order of a division quaternion algebra over a number field.