



Volume 7, Issue 3, Article 87

## An Inequality for the Class Number

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**Keywords:** Piltz divisor function, Class number.  
**Date Received:** 05/10/05  
**Date Accepted:** 10/03/06  
**Subject Codes:** 11N99, 11R29.  
**Editors:** [Jozsef Sandor](#),

**Abstract:** We prove in an elementary way a new inequality for the average order of the Piltz divisor function with application to class number of number fields.



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