

# Reduced Arakelov Divisors of a Number Field

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**Abstract.** We will discuss about basis properties of reduced Arakelov Divisors and the "Scan" Algorithm to find all reduced Arakelov Divisors in the group  $Pic^0(F)$  of a number field  $F$ . Finally, we show some examples of this algorithm in the number fields with unit group of rank 2.

## References

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