

Number Theory

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Text

Ireland, K. Rosen, M. A Classical Introduction to Modern Number Theory, *2nded.*
Graduate Texts in Mathematics; Springer-Verlag. 1998.

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Chapter 1

Unique Factorization.

1.1 Unique Factorization in \mathbb{Z} .

1.2 Unique Factorization in $K[x]$.

1.3 Principle Ideal Domains.

1.4 Unique Factorization in $\mathbb{Z}[i]$ and $\mathbb{Z}[\omega]$.