

Graduate Studies in Mathematics 163

Introduction to Analytic and Probabilistic Number Theory

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Errata to the third edition (2015) (2017/2/11)

• page 51, line -7, read $\int_{1-}^{x+} \frac{R(t)}{t} dm(x/t)$

• page 409, line -12, read : (I.4.88)

• page 493, line -5, read : $H_T\left(\frac{2}{\ln y}\right) + \frac{\ln y}{T}$

line -2, read $\ll \int_{e^2}^{x^2} \left\{ H_T\left(\frac{2}{\ln y}\right) + \frac{\ln y}{T} \right\} \frac{dy}{y \ln y} \ll \int_{e^2}^{x^2} \frac{H_T(\alpha)}{\alpha} d\alpha + \frac{\ln x}{T}$.

• page 504, line -2, read : $a - \frac{1}{6}y^2 - \langle \ln_2 N + y\sqrt{\ln_2 N} \rangle$

• page 508, line 10, read : numbers s with $\Re s > -\ln y$,