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Chapter III

Special cases of asymptotic estimates

§1. Estimates of entire functions of the form

$$F(z) = \int_{0}^{\infty} \mu(t) e^{tz} dt, F(z) = \int_{-\infty}^{\infty} \mu(t) e^{tz} dt \dots 127$$

- §2. The Poisson summation formula and estimates of functions of the form $F(z) = \sum_{n=0}^{\infty} \mu(n) z^n \dots 137$
- §3. Functions of the form

$$F(z) = \prod_{n=1}^{\infty} \left(1 + \frac{z}{\mu(n)}\right), \ F(z) = \sum_{n=1}^{\infty} \frac{\varphi(n)}{z + \mu(n)} \dots 151$$

