

## INFLUENCE OF MEASURE ON OSCILLATIONS OF ERROR TERMS

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ABSTRACT: In this talk, we shall obtain  $\Omega$ -bounds for fluctuations of error terms in asymptotic formulas. We shall also discuss the influence of these bounds on  $\Omega_{\pm}$  estimates of the error terms, which extends Landau's work. The very general setup of our method allows us to demonstrate some new and interesting applications.