

THE ERROR NORM OF QUADRATURE FORMULAE

S. E. Notaris

Department of Mathematics
University of Athens
Panepistemiopolis, 15784 Athens, Greece
notaris@math.uoa.gr

In certain spaces of analytic functions the error term of a quadrature formula is a continuous linear functional. We give a survey of the methods used in order to compute or estimate the norm of the error functional. The results, some of which are fairly recent, cover, among others, interpolatory, Gaussian and Kronrod formulae.