

1035-01-443

Harold M. Edwards*, NYU-Courant, 251 Mercer Street, New York, NY 10012. *The Algorithmic Side of Riemann's Mathematics.*

The conventional view of Riemann's mathematics extolls his conceptual thinking and tends to ignore his algorithmic virtuosity. The asymptotic formula for the zeta function in the critical strip was an immense technical achievement, and even the concept of a Riemann surface can be viewed as an algorithmic method for the study of many-valued functions. (Received September 07, 2007)