Arithmeticity in the Theory of Automorphic Forms

Goro Shimura

Chapters

I. Automorphic forms and families of abelian varieties

II. Arithmeticity of automorphic forms

III. Arithmetic of differential operators and nearly holomorphic functions

IV. Eisenstein series of simpler types

V. Zeta functions associated with Hecke eigenforms

VI. Analytic continuation and near holomorphy of Eisenstein series of general types

VII. Arithmeticity of the critical values of zeta functions and Eisenstein series of general types