

1067-30-1537 **John J. George*** (jgeorge@math.fsu.edu), 1767 Hermitage Blvd Apt 5211, Tallahassee, FL
32308. *On Rankin's Uniformization of Algebraic Curves.*

We discuss Rankin's contributions to Whittaker's conjecture and review Rankin's uniformizations of certain algebraic curves by use of Schwarz triangle functions. We realize the fundamental groups for these curves as subgroups of the associated triangle groups. We use Whittaker's curve, as a special case, to exemplify the relationship between the monodromy and fundamental groups calculated by Whittaker and its triangle group. (Received September 21, 2010)