

Abstract

We show that a given rational Shimura curve U in the moduli space of principally polarized abelian varieties $A_{g,1}$ can only lie in the closure of the Schottky locus M_g for finitely many genera g . We achieve this by using a result of Viehweg and Zuo which says that the corresponding families of Jacobians parameterized by U have to be isogenous to the g -fold product of a modular family of elliptic curves. Reducing the situation to characteristic p , we will see that the genus of such families is bounded where the bound depends only on the cardinality of the bad locus.