
AMALIA PIZARRO-MADARIAGA, Universidad de Valparaíso

Rational Products of Singular Moduli

The numbers of the form $j(\tau)$, where τ is an imaginary quadratic number with $Im(\tau) > 0$ and j is the j -invariant are called singular moduli. In this talk, we will show that with “obvious” exceptions the product of two singular moduli cannot be a non-zero rational number.