

1173-11-322

Mark van Hoeij*, hoeij@math.fsu.edu, FL. *Modular units and sporadic points.*

This talk will present formulas for modular units for $X_1(N)$ and their divisors, and applications such as computing sporadic points on $X_1(N)$ or computing equations for $X_H(N)$. The talk will include joint work with H. Smith, M. Derickx, A. Etropolski, J. S. Morrow, D. Zureick-Brown and J. Zeng. (Received September 22, 2021)