Online Number Theory Seminar

21 January 2022. – 17:00-17:50

Cameron Stewart: Multiplicatively dependent vectors of algebraic numbers

In this talk we shall discuss joint work with Konyagin, Pappalardi, Sha and Shparlinski on vectors in $\mathbb{C}^n$ whose coordinates are algebraic numbers which are multiplicatively dependent. In particular we shall count the number of such vectors of height below a given bound and discuss their distribution.