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Multiplicatively dependent vectors of algebraic numbers

This is joint work with Francesco Pappalardi, Min Sha and Igor Shparlinski. Let n be a positive integer and let $(a_1, a_2, ..., a_n)$ be a vector of algebraic numbers from K where K is a finite extension of the rationals. We shall discuss estimates for the number of such vectors whose entries have height at most H and are multiplicatively dependent.