The Erdős-Matching Conjecture asks for the size of the largest family of \(k\)-sets of \(\{1, \ldots, n\}\) without \(s+1\) are pairwise disjoint members. Here we will discuss the equivalent problem for \(k\)-spaces in the \(n\)-dimensional vector space over the field with \(q\) elements in the context of the classification problem of (almost) low degree families.

The talk will be based on results in [1, 2, 3, 4].

References


