Zsolt Tuza: *Choice identification in graphs*
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Let G be a graph. A set S of vertices is called an identifying set of G if there exists an injective function *f* that maps each vertex of G to a nonempty subset of S, such that every vertex in *f*(v)-v is adjacent to v. (The vertex v itself may or may not belong to *f*(v).) The choice identification number of G is the smallest cardinality of an identifying set. We compare this value with various parameters of G, and study the algorithmic complexity of determining it in several graph classes. This is joint work with Cristina Bazgan and Csilla Bujtás.