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Erdos-Ko-Rado type results in some Schurian Schemes

The classical Erdos-Ko-Rado (EKR) theorem and some of its variants can be viewed as characterizations of maximum independent sets of unions of graphs in some commutative Schurian (Orbital) schemes. For example, the classical EKR theorem characterizes independent sets of the Kneser graph, which is graph in the Johnson Scheme. Some other EKR-type results on vertices of Schurian schemes include the EKR theorem on subspaces and the EKR theorem on perfect matchings in a complete graph. Taking inspiration from algebraic proofs of the above-mentioned classical results, we attempt to identify Schurian schemes that are amenable to these algebraic methods and obtain some new EKR-type results in other domains.