

CLASSIFYING PROJECTIVE VARIETIES

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Abstract

Projective varieties model most real life problems and thus are essential objects in a large number of research fields. Classifications of such geometrical objects, depending on fixed geometrical invariants, are fundamental and desirable. Aldo devoted a large part of his research to this topic. I will try to review and mostly motivate some of his results on higher order embeddings and discriminants. The talk will be accessible to a general audience (not necessarily with an algebraic geometrical background).