

- Survey Talk -
MMP - an introduction

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Abstract:

The aim of the Minimal Model Program is to generalize the classification of complex projective surfaces, known in the early 20th century, to higher dimensional varieties. Although the last few decades have seen some remarkable progress towards this program, many problems are still open, such as termination of flips and existence of minimal models. Mostly thanks to the work of Shokurov, it turns out that these conjectures are related to the study of singularities in birational geometry. I will survey some of these results and open problems.