INTRODUCTION TO SONG-TIAN'S ANALYTIC MINIMAL MODEL PROGRAM

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Abstract:

In this series talk, we will first introduce the basic idea of Song-Tian's analytic minimal model program (AMMP). Then we will recall the some results in AMMP, including the long-time solution and Fano case. Then we will introduce some recent progresses, mainly in the finite time singularities of the Kahler-Ricci flow. Finally we will give a further picture on Song-Tian's AMMP. This talk is based on the joint work with Song and Tian.