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# FTheoryTools: A computational tool for analysis of singular elliptic fibrations

*Tuesday 4 July 2023 17:00 (15 minutes)*

In this talk, I will discuss an upcoming computational tool for analysis of singular elliptic fibrations called FTheoryTools. This tool automates many of the difficult calculations involved in the analysis of F-theory models, and additionally hopes to catalogue and make available many of the constructions that appear throughout the F-theory literature so that anyone may easily do calculations with them. FTheoryTools is being written as a component of OSCAR, an open-source computer algebra system that is currently in development.

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