

Improved Integral Reduction with Kira

Wednesday 13 December 2023 09:45 (30 minutes)

The focus will be on improved integral reduction with the Kira program. I will present a seeding algorithm that can improve the reduction time by more than one order of magnitude compared to the current algorithm in Kira. I will demonstrate the use case of the seeding algorithm using some state-of-the-art integral reduction examples. At the end of the talk, I will discuss the synergy of Kira with other tools.

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