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## **Reduction for special negative sectors of planar two-loop integrals**

*Tuesday 26 February 2019 10:30 (30 minutes)*

In my talk I introduce an alternate way to perform reductions of special negative sectors of planar two-loop amplitudes using the Baikov representation. I will show that for the special negative sectors – where the inverse propagator factor appears in the numerator and contains both loop momenta – can be performed independently from all the other sectors resulting in a product of two one-loop tensor integrals rendering the remaining reductions much simpler when this configuration appears.

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