

LEVERHULME TRUST

Update on NNLO Phokhara

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The DiffExp method



Some benchmarks...



- 10 MIs, 5 orders of ϵ
- O(*us*) per phase-space point
- 7+ significant figures of precision







Some benchmarks...



- 8 MIs, 5 orders of ϵ
- O(ms) per phase-space point
- 7+ significant figures of precision









• Building DE with 2 internal masses

- Bottleneck of IBPs
- Look at NeatIBP, RatTracer, Kira 3.0