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## **Graphic Expansion of Amplitudes and BG Currents**

Monday, 22 August 2022 11:25 (25 minutes)

Scattering amplitudes and Berends-Giele currents can be expanded by graphs which encodes kinematic information. By the used of graphic expansions, on-shell and off-shell BCJ numerators are constructed, new amplitude relations are introduced, scattering amplitude in four dimensions can be evaluated.

## **Summary**

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