

**Hadron Structure and QCD (HSQCD'2018) Dedicated to the Memory of Lev
N. Lipatov (2.05.1940 - 4.09.2017)**



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BFKL equation and Regge cuts

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The derivation of the BFKL equation based on the unitarity relations is strongly complicated in the next-to-next-to-leading logarithmic approximation. The main reason of the complication is appearance of Regge cuts in amplitudes with gluon quantum numbers in the cross channels and negative signature.

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