

Double copy of classical bremsstrahlung solutions

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The BCJ double copy relates scattering amplitudes of gauge and gravity theories. In an attempt to study this duality in a non-perturbative context, it was recently found that Kerr-Schild solutions in general relativity are somehow a double copy of linearised Yang-Mills solutions. In this talk I apply the solutions double copy procedure to bremsstrahlung systems and explain its relation to the scattering amplitudes double copy.

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