

**scattering amplitudes and wilson pdf**

scattering amplitudes and Wilson loops. Twistors play an important role in the Grassmannian integral formulae of [1,2], various formulations of the correspondence between Wilson loops

**Scattering Amplitudes and Wilson Loops in Twistor Space**

Scattering Amplitudes, MHV Diagrams, and Wilson Loops Gabriele Travaglini Queen Mary, University of London Brandhuber, Spence, GT hep-th/0612007

**Scattering Amplitudes, MHV Diagrams, and Wilson Loops**

Scattering Amplitudes and the Positive Grassmannian N. Arkani-Hamed, J. Bourjaily, F. Cachazo, A. Goncharov, A. Postnikov, ... integrand for scattering amplitudes in this theory can be determined by a general- ... and as a Wilson-loop in another (for a review, see [11]). Each of

**Scattering Amplitudes Positive Grassmannian - arXiv**

This is a nontrivial evidence of the scattering amplitudes/Wilson loop duality in three dimensions. Moreover, both the IR divergent and the finite parts of

**SCATTERING AMPLITUDES/WILSON LOOP DUALITY IN ABJM THEORY**

space scattering amplitudes and Wilson loops are beautiful objects in their own right, and are much more readily computable in twistor space than on spacetime. The calculation from first principles of elementary multiparticle tree amplitudes in twistor space either directly or

**Scattering amplitudes and Wilson loops in twistor space**

It makes use of equipment from twistor thought to supply new insights into the correspondence among scattering amplitudes in supersymmetric Yang-Mills conception and null polygonal Wilson loops. via also exploiting the symmetries of the matter, the writer succeeds in constructing new methods of computing scattering amplitudes.

**New PDF release: Scattering Amplitudes and Wilson Loops in**

Scattering amplitudes from lattice QCD David Wilson Old Dominion University Based on work in collaboration with J.J. Dudek, R.G. Edwards and C.E. Thomas.

**Scattering amplitudes from lattice QCD - Jefferson Lab**

PDF | We generalize modern ideas about the duality between Wilson loops and scattering amplitudes in  $N=4$  super Yang-Mills theory to large- $N$  (or quenched) QCD. We show that the area-law behavior of ...

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