

UV Structure from Double-Copy in Effective Field Theory

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The duality between color and kinematics and associated double-copy construction has proven remarkably useful as a computational tool first in integrand construction at the multi-loop level, and more recently in efficiently constructing the contributions of higher derivative operators. Intriguingly double-copy consistency relates information measured in the IR to behavior in the UV. I will present recent insights into this emergent UV structure encoded in the Wilson coefficients of gauge and gravity effective field theories in the double-copy web of theories.

Alternate track

I read the instructions above

Yes

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