

Abstract

We consider correlation functions of quarter-BPS operators in $N=4$ super Yang-Mills. Even though they are less constrained than their well-known half-BPS analog, we still find a way to exploit the chiral algebra and derive Ward identities. This in turn allows us to fix some OPE data at large N via the inversion formula. Then we argue that a possible future direction to make further progress could be to study higher-point correlators of the stress-tensor multiplet.