

ICTS String Seminar

Title : Double soft theorem in generalized bi-adjoint scalars

Speaker : Arnab Priya Saha (Harish-Chandra Research Institute, Allahabad)

Date : Wednesday, June 17, 2020

Time : 03:00 pm

Abstract : In CHY formalism, scattering equations map the kinematic space of Mandelstam invariants to the points on CP^1 . Recently Cachazo, Early, Guevara and Mizera have introduced generalization to the scattering equations on higher dimensional projective spaces, CP^{k-1} . Bi-adjoint scalar amplitude is a well studied example of this generalisation. We study double soft limits of the generalised bi-adjoint scalar amplitudes for $k=3$.

This talk is based on the work in progress with Md. Abhishek, Subramanya Hegde and Dileep P. Jatkar

ICTS virtual seminar : Please register at
<https://docs.google.com/forms/d/e/1FAIpQLSf0jLgoqiOgDnxbEBGiuIWiOmh9WX8caH-pr13qDBZOO91img/viewform>

(Links to join the seminars will be sent to your registered email address)

Recordings of past talks can be found here:

<https://www.youtube.com/channel/UCw9LdPQ5t7Q7muD0qzn70TA>