ID de Contribution: **7**   Type: **Lecture / lecture series**

The crossing equations without positivity: tools and challenges

mardi 25 mai 2021 10:00 (1 heure)

After briefly reviewing the role of positivity in the numerical bootstrap, I will focus on cases where positivity is lost. Gliozzi's truncation method will be discussed, together with some of the variations introduced in later works. I will illustrate some strengths and weaknesses of the method, via examples drawn from non-unitary CFTs and unitary CFTs with a boundary.

If time permits, I will discuss some analytic consequences of the crossing equations in the presence of boundaries and defects.

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Classification de thématique: 4. Non-unitary bootstrap methods