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Numerical bootstrap for points and lines

Thursday, 22 February 2024 12:00 (45 minutes)

I will describe how to constrain the spectrum of local operators and boundary conditions, in two dimensions, using the numerical bootstrap. Crossing and unitarity constrain the correlators of four local operators, two local operators and a boundary, and two boundaries. This allows to explore a multi-dimensional parameter space involving bulk and boundary data: I will show a few examples of the bounds one can obtain.

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