



ID de Contribution: 71

Type: **Tutorial**

## Numerical bootcamp

*mardi 4 mai 2021 15:00 (1 heure)*

This tutorial will allow participants to get started with the numerical bootstrap. We will show how the famous Ising model kink can be found from scratch, in a simplified workflow, using only Mathematica without the need for any external tools. This simplified workflow will help highlight some of the conceptual issues involved. Next, we will introduce the various numerical tools that are used in actual state-of-the-art computations. We will show how to use these tools, how to interpret their output, and how to put it all together to set up and run a real bootstrap problem.

The tutorial will take the form of guided exercises which will be introduced and discussed in the planned sessions. Active participation in solving the exercises is recommended. Support on the installation and use of the tools used in the numerical bootstrap will also be provided continuously on the #numerical-bootcamp Slack channel.

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