

Introduction to String Theory exercises - sheet 2

Exercise 1

Quantize the open string with Neumann-Neumann boundary conditions.

- Start by writing down schematically all the steps which go in here, starting from solving the classical equations of motion, ending at the physical hilbert space of the string
- Link your steps to key (say about 5) equations in Blumenhagen/Luest/Theisen.
- Start filling in the blanks slowly
- What is the spectrum of excitations?