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SPIN CHAINS AND THE BETHE ANSATZ

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Abstract

I'll introduce a class of quantum mechanical models known as spin chains, in particular a model known as the Heisenberg spin chain. This model can be solved exactly using an ansatz, a trial wavefunction. I'll discuss various applications of this solution.

Date : Thursday, August 20, 2020

Time: 16:00

Place: IMBM Seminar Room, Boğaziçi University South Campus