Contribution ID: 327 Type: not specified

Solitons in AdS1+1

Friday 31 July 2009 16:30 (20 minutes)

Soliton solutions in scalar field theory in an AdS1+1 background are investigated. Analytic soliton solutions are obtained in specific models, and their mass is calculated. The fluctuation spectrum is determined, and the quantum correction to the soliton mass is computed.

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Session Classification: String & Field Theory

Track Classification: Field and String Theory