

XXV DAE-BRNS High Energy Physics Symposium 2022



Contribution ID: 23

Type: Poster

Geometric Quantization of a Constrained System

Tuesday 13 December 2022 14:00 (1 hour)

In mathematical physics, geometric quantization is a method of defining quantum theory corresponding to an existing classical theory. It has been successfully applied to many field theoretic models. Also, Constrained systems occur frequently in physics, since they typically arise in the Hamiltonian formulation of classical systems with gauge symmetries. Here, we will try to understand the geometric quantization from the perspective of a constrained system.

Session

Formal Theory

Author: PANDEY, Vipul Kumar

Presenter: PANDEY, Vipul Kumar

Session Classification: Poster - 2