

Seminar

Bose's notion of indistinguishability and its quantum counterpart: A comparison

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After a brief discussion of the notion of indistinguishability introduced by S N Bose in his seminal 1924 paper dealing with the derivation of Planck's distribution, we proceed to discuss its quantum counterpart. We highlight the commonalities and differences between all possible statistics that arise after implementing respective notions of indistinguishability in the two scenarios and bring out the role the theory of symmetric functions plays in achieving this objective.

Tuesday, Jul 16th 2024

11:30 Hrs (Tea / Coffee 11:15 Hrs)

Auditorium, TIFR-H