

# STATISTICAL TRANSMUTATIONS IN 2+1 DIMENSIONAL RELATIVISTIC QUANTUM FIELD THEORIES

*by*

**N. SHAJI**

A THESIS IN PHYSICS

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of the requirements for the Degree of*

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. December 5, 1992

## CERTIFICATE

This is to certify that the Ph.D thesis submitted by N. Shaji to the University of Madras, entitled **Statistical Transmutations in 2+1 Dimensional Relativistic Quantum Field Theories**, is a record of bonafide research work done by him under my supervision. The research work presented in this thesis has not been presented in part or full for any Degree, Diploma, Associateship or other similar title. It is further certified that the thesis represents independent work on the part of the candidate and collaboration was necessitated by the nature and scope of the problems dealt with.



Dr. H. S. Sharatchandra

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