

A Thesis Submitted to The Maharaja Sayajirao University of Baroda for the Degree of Doctor of Philosophy in Physics

By SHAHALAM S. SIDDIQUI

Department of Physics Faculty of Science The M. S. University of Baroda Baroda-390 002. India April - 1994 Pl-th 7891

.

.

-

.

.

.

. . η

٢

•

. . _ .

. .