

SUK - 3910 - T8220

**A STUDY OF SPACE-LIKE  
CONGRUENCES IN GENERAL RELATIVITY**

A DISSERTATION SUBMITTED FOR THE DEGREE OF  
**MASTER OF PHILOSOPHY**  
TO  
**THE SHIVAJI UNIVERSITY, KOLHAPUR**

BY

**D. B. MAGDUM**

M. Sc.

UNDER THE GUIDANCE OF  
**PROF. DR. B. RADHAKRISHNA**

DEPARTMENT OF MATHEMATICS  
SHIVAJI UNIVERSITY, KOLHAPUR

1988