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C E R T I F I C A T E

I certify that the dissertation entitled  
"KILLING AND HARMONIC FIELDS IN THE SPACE TIME OF  
RELATIVISTIC FERROFLUID" which is being submitted by  
Shri D.S.Patil for the award of the degree of Master  
of Philosophy in Mathematics of Shivaji University,  
Kolhapur under the Faculty of Science, is a record of  
bonifide work carried out by him under my supervision  
and guidance. The dissertation is well up to the  
standard both in respect <sup>of results</sup> and its literary presentation  
for being referred to the examiners.

Place: Kolhapur.

Date : 3/8/1990



(Dr.G.G.Asgekar)

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