

on these lines is being finalised.

Thirdly, another approach, ~~was~~ suggested by me long ago viz. taking the Heisenberg uncertainty principle of quantum mechanics as fundamental and applicable also to the gravitational field, has ~~also~~ been pursued. It has been shown that the geometry of space and time cannot be free from uncertainty, and the precise relationships between world points must be abandoned in favour of some probabilistic formulations. Search is being made for such a suitable formulation so that one can build up a ~~a~~ satisfactory quantum theory of the gravitational field.

The above three investigations are ~~too~~ ^{bound to be} of significance in bringing about a fusion between general relativity and quantum mechanics.

Bangalore

31/1/72.

(B.S. Madhwa Rao)



