

A POSSIBILITY FOR THE EXPERIMENTAL PROOF OF GENERAL RELATIVITY*

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The direct experimental consequences of the general relativity are rather few and restricted to static fields. An other experimental proof of the general relativity going beyond the equivalence principle and only static field problems was proposed by Schiff; it consists in studying the exact motion of a giroscope in an atrifical satellite. Author has given a series of arguments about the experimental problems and difficulties in carrying over this program, and expressed his personal hope, that these difficulties could be overcome in USA during the next five years.

* Abstract of this talk has been given by the committee of Redaction.