Gravitation with a non-symmetric metric tensor RICHARD HAM-
MOND, North Carolina AT — General relativity with a non-symmetric metric ten-
sor is examined. It is shown the non-symmetric part, in the weak field limit, is
the potential of torsion, the origin of which is intrinsic spin. The torsion is of the
string theory type, but gauge invariance is lost unless the electromagnetic field is
introduced to preserve gauge invariance.

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