



## REVISITED: MAGNETISM AND GRAVITY

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**Abstract.** In this paper we show that the unified theory for gravitation and magnetisation including electrodynamics is formulated for an arbitrary observer with a general geometry  $G$ , where we make the assumption that the observers we consider belong to a group containing the Lorentz frame. In a paper in this journal AMSA Vol. 29, pp. 1-33, we have shown that this theory is true if the observer lives in a Lorentz frame. By a general lemma we now show that these results carry over to the general case. The results are quite essential, because an observer transformation is in general non-linear. Therefore it is applicable to non-linear geometry  $G$ .

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