

## SELECTED PUBLICATIONS, 2013

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- *A note on "Einstein's special relativity beyond the speed of light by James M. Hill and Barry J. Cox"*, **Proceedings of the Royal Society A** 469(2154) 6 p. (2013) IF: 2.378\*. Coauthors: H. Andréka, J. X. Madarász and I. Németi.
- *The Existence of Superluminal Particles is Consistent with the Kinematics of Einstein's Special Theory of Relativity*, **Reports on Mathematical Physics** 72(2), pp.133-152 (2013). IF: 0.756\*.
- *Special Relativity over the Field of Rational Numbers*, **International Journal of Theoretical Physics** 52(5), pp.1706-1718 (2013) IF: 1.086\* Coauthor: J. X. Madarász.
- *A logic road from special relativity to general relativity.*, **Synthese** 186(3), pp. 633-469. (2012). IF: 0.696. Coauthors: H. Andréka, J. X. Madarász and I. Németi.
- *A geometrical characterization of the twin paradox and its variants*, **Studia Logica** 95(1-2) pp. 161-182. (2010).
- *Axiomatizing relativistic dynamics without conservation postulates*, **Studia Logica** 89(2) pp. 163-186. (2008). Coauthors: H. Andréka, J. X. Madarász and I. Németi.
- *Twin Paradox and the logical foundation of relativity theory*, **Foundations of Physics** 36(5), pp.681-714 (2006). IF: 0.854. Coauthors: J. X. Madarász and I. Németi.