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A study of the T1-2A model

I will present an extensive study of a rather generic model of the scotogenic type, providing a solution to the dark matter problem while including radiative generation of neutrino masses. After a short introduction to the model, I will in particular present results based on a Markov Chain Monte Carlo analysis of the associated parameter space in view of numerous constraints from experimental data. Special focus will be given to dark matter phenomenology as well as lepton-flavour violating processes. Finally, I will discuss the viable parameter regions as well as associated signatures of the model.

arXiv number (if applicable)

Primary author: SARAZIN, Maud

Presenter: SARAZIN, Maud

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