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The global principle of relativity

Tuesday 28 March 2023 17:00 (35 minutes)

I describe a new principle of relativity
involving the topology of space-time.
On its basis I derive the following:
1) the gauge group of nature must be SU(5)
2) there must be exactly 3 generations of fermions
3) after symmetry breaking the standard model is
the only possible low-energy theory in the chiral sector
4) The dark matter of the universe consists of
Dirac triplets, or at least an even number of Majorana triplets

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