

Topological avatars of the Standard Model

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With the discovery of the Higgs boson, the perturbative spectrum of the Standard Model is complete. There are new interesting, albeit less explored, physical phenomena associated with a non-perturbative spectrum of the Standard Model, which awaits its discovery at LHC and future colliders. I will discuss few such topological avatars of the electroweak theory focussing on monopoles and sphalerons.

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