

Heavy axions

Thursday 6 June 2019 16:40 (20 minutes)

I will review recent attempts to build heavy axion models which solve the strong CP problem while enlarging the parameter space well beyond that of invisible axion models. Next, I will present a recent model of heavy axions: the first axion model solving the strong CP problem with colour unification and massless fermions. The axion scale may be not far from the TeV region which translates to observable signals at colliders.

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