

# One-loop relic density with gauge pair production

*mardi 26 janvier 2010 09:40 (20 minutes)*

With the increasing accuracy of forthcoming experiments (like PLANCK), on the theoretical side a high level of precision is also needed, therefore cross sections need to be evaluated at least at NLO. This has been applied to the calculation of the relic density of dark matter with gauge boson pair production with the help of the automatic program SloopS.

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