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## On the quantum origin of a small positive cosmological constant

Saturday, 1 June 2019 12:00 (15 minutes)

We show that Dark Matter consisting of ultralight bosons in a Bose-Einstein condensate induces, via its quantum potential, a small positive cosmological constant which matches the observed value. This explains its origin and why the densities of Dark Matter and Dark Energy are approximately equal.

References: S.Das, R. K. Bhaduri, arXiv:1808.10505, arXiv:1812.07647

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