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Recent Results of the Axion Dark Matter Experiment (ADMX)

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The Axion Dark Matter Experiment (ADMX) is seeking to discover the axion particle as both a solution to the strong-CP puzzle of QCD and to the nature of dark matter. The apparatus consists of a frequency tune-able resonant microwave cavity immersed in a strong mechanical field at sub Kelvin temperatures and read out by quantum amplifiers. Recent results and future prospects at a sensitivity below the theoretical predictions will be given.

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