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Determining Inflaton Interactions via Gravitational Waves

Tuesday, 13 June 2023 16:30 (20 minutes)

It has been investigated to what extend one can constrain inflaton couplings to matter adopting future gravitational wave detectors. Various possible inflaton interactions have been considered. It turned out that in certain cases the proposed gravitational detector facilities would be sensitive the strength of the inflaton-matter couplings.

Secondary category for the parallel session (optional)

Dark Matter Physics

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