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Chiral primordial gravitational waves in extended theories of Scalar-Tensor gravity

We examine parity violation in gravity during a transitory non-attractor phase of inflation, which amplifies the would be decay tensor mode and enhances tensor fluctuations at super horizon scales. This is realised in a kinetically driven scenario of inflation which is extended to include higher order corrections to gravity.

Primary author: MYLOVA, Maria (Swansea University)

Presenter: MYLOVA, Maria (Swansea University)