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Gravitational waves in bimetric gravity

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We study the propagation of gravitational waves in bimetric gravity in a homogeneous and isotropic cosmological background with non-zero spatial curvature. In particular, we focus on the evolution of sub-horizon and super-horizon tensor modes in the limit of small interactions and for a background with a general equation of state. We also study in detail the transitions between different cosmic eras. To keep our analysis as general as possible, we do not assume any specific values for the parameters of the theory in the derivation of analytical solutions.

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