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Modified Gravity and Degravitation

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The idea of degravitation is to account for the small late time acceleration of the Universe by modifying gravity at large distances. After reviewing the fundamental aspects of degravitation, I will discuss the importance of interactions in models that can exhibit degravitation, and present the Galileon as a broader class of modifications of gravity. Finally I will establish a link between the Galileon and the DBI action unifying models of early Universe inflation with that of late time degravitation.

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