

Generalised Corpuscular Inflation

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Abstract

We extend the corpuscular formulation of inflation from $\phi^2 m^2$ to general single field inflation. We use these results to obtain the corpuscularly corrected values for r and n_s , finally comparing these to results from current observations. This shows how the constraints on inflation are changed when a the graviton condensate view of gravity is employed.

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I. INTRODUCTION

II. COMPETING FLUCTUATIONS

III. DISCUSSION AND OUTLOOK

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