

” Non-Gaussianities became an important effect in inflationary model buildings and also in cosmological observations. It is expected that the PLANCK satellite may be able to put strong constraints on non-Gaussianities in CMB. In this talk we review mechanism for generating large curvature non-Gaussianities in quasi-single field models of inflation. Specifically, the roles of heavy fields during inflation are studied. This is a report of our discussions with Xingang Chen at Cambridge University on his pioneering works on non-Gaussianities.” Reference: arXiv:0911.3380 by Xingang Chen and Yi Wang.