

# ENTANGLEMENT IN A CURVED NCG DE SITTER SPACE-TIME

H.AISSAOUI, M.F.GHITI

*Laboratoire de Physique Mathématique et Subatomique  
Physics Department, Faculty of Fundamental Sciences,  
Constantine1 University, Constantine, Algeria*

**ABSTRACT.** The entanglement in a curved NCG de Sitter space-time is developed and presented. Some new features from the space non commutativity are also discussed.