**Quantum radiation produced by an Unruh-De Witt detector in a uniformly accelerated motion**

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We investigate quantum radiation produced by an Unruh-De Witt detector in a uniformly accelerated motion in the Minkowski spacetime. We show that the non-vanishing quantum radiation is related to the nonlocal correla-tion of the field and the entanglement structure of the Minkowski vacuum state, which is described by introduc-ing the quantum states in the right and the left Rindler sapcetimes and the degenerate Kasner spacetime. We will also discuss the generalization of the model to that in the de Sitter spacetime.