

# Gaussian noise related to generalised Ehrenfest model

Yurii Miniailyk<sup>1</sup>

In this article considered the generalization of Ehrenfest model. This model as Markov chain is studied. We defined Gaussian noise for continuous functions and considered the limit, when number of particles goes to infinity. The behavior of Gaussian noise is described as sequence of normal variables.

---

<sup>1</sup>Richelieu Scientific Lyceum, Odessa, Ukraine