

Application of Nambu Dynamics to Non-equilibrium thermodynamics

Friday, 9 December 2022 15:00 (20 minutes)

In 1973, Yoichiro Nambu published a GHD paper (titled Generalized Hamiltonian Dynamics). This paper was the beginning of what is now known as Nambu dynamics. Nambu dynamics is the generalization of Hamiltonian dynamics involving multiple Hamiltonians, and has applications to string theory and fluid dynamics. In this talk, we will present our successful formulation of Nambu dynamics applied to Non-equilibrium thermodynamics, including the concrete example. The content of this talk is available at [arXiv:2209.08469](https://arxiv.org/abs/2209.08469).

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Session Classification: Parallel session B