

## Chiral Phase Transition With Finite Size In NJL Model

*Tuesday, 20 March 2018 12:55 (1 hour)*

We investigate finite-size effects on the chiral phase diagram of strong interactions with NJL model. To account finite-size effects, we replace momentum integrals by momentum summations and take periodic boundary condition. The results shows that momentum of zero-mode and none-zero-mode have opposite behaviors as size decreases, and two sets of critical points appear.

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