

April 3, 2008

Hiroaki Kohyama

## List of papers

---

1. “Quantum Field Theories in Nonextensive Tsallis Statistic”  
Hiroaki KOHYAMA and Akira NIEGAWA  
Progress of Theoretical Physics, Volume 115, Number 1 (2006) 73.
2. “Thermal operator representation of finite-temperature amplitudes  
in the presence of a chemical potential”  
M. Inui, H. Kohyama and A. Niegawa  
Physical Review D 73 (2006) 047702.
3. “Cancellation of energy-divergences and renormalizability  
in Coulomb gauge QCD within the Lagrangian formalism”  
M. Inui, H. Kohyama and A. Niegawa  
Physical Review D 74 (2006) 105016.
4. “Phase diagram of quark-antiquark and diquark condensates  
at finite temperature and density in the 3-dimensional Gross Neveu model”  
Hiroaki Kohyama  
Physical Review D 77 (2008) 045016.
5. “Ferromagnetism of two-flavor quark matter in chiral  
and/or color-superconducting phases at zero and finite temperature”  
M. Inui, H. Kohyama and A. Niegawa  
arXiv:0709.2204.
6. “Phase diagram of quark-antiquark and diquark condensates in the 3-dimensional  
Gross Neveu model with the 4-component spinor representation”  
Hiroaki Kohyama  
arXiv:0803.2109.