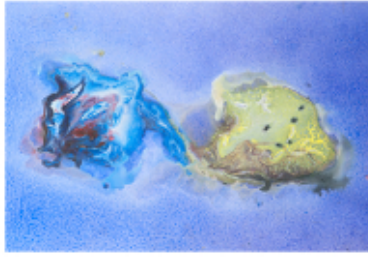


# Quark Confinement and the Hadron Spectrum XI



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## 2-color QCD at High Density

*Tuesday 9 September 2014 18:10 (20 minutes)*

QCD at high chemical potential has interesting properties such as deconfinement of quarks. 2-color QCD, which enables numerical simulations on the lattice, constitutes a laboratory to study QCD at high chemical potential. The quark propagator in 2-color QCD at high density is referred to as the Gorkov propagator. We examine the Gorkov propagator and in particular, find the form factors of the Gorkov propagator making use of the symmetries it obeys.

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