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Topological properties and string tension in QCD with nonzero chirality

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Nonzero chiral density leads to a plenty of interesting unusual phenomena, including
chiral catalysis, chiral magnetic effect and others. We study how nonzero chiral density affects topological and confinement properties of the system.
We present the dependence of the string tension and topological susceptibility on chiral chemical potential. We see that both observables grow with chiral density. Our results suggest strong correlation between string tension and topological susceptibility.

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