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## Landau Gauge Fixing on GPUs

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We explore the performance of CUDA in performing Landau gauge fixing in Lattice SU(3), using the steepest descent method with Fourier acceleration.

The code performance was tested in a Tesla C2070, Fermi architecture.

We also present a study of the string tension at finite temperature in the confined phase.

The string tension is extracted from the colour averaged free energy and the color singlet with and without applying Landau gauge fixing.

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