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Curvature of the QCD chiral pseudocritical line from analytic continuation

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We present our latest results on the determination of the curvature of the pseudo-critical line of the QCD phase diagram at the physical point, using the method of analytic continuation from an imaginary chemical potential. We also assess the impact of including a non-zero strange quark chemical potential. Our results are obtained with stout improved staggered fermions and the tree level Symanzik improvement for the gauge action.

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