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Towards string breaking with 2+1 dynamical fermions using the stochastic LapH-method

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We investigate the use of stochastically estimated light quark propagators in correlation functions involving a static color source. To this end we compute the static-light meson correlation function in the stochastic LapH framework, using $N_f=2+1$ gauge configurations generated through the CLS effort. Together with the static potential, we obtain an estimate for the expected string breaking distance.

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