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‘Effective locality and chiral symmetry breaking in QCD’.

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Some years ago, relying on standard functional manipulations, a new property of QCD fermionic Green’s functions has been put forth and called effective locality. This feature of QCD is non-perturbative, as resulting from a full integration of the gluons degrees of freedom. At least at quenching and a mild eikonal approximation, the relation of effective locality to dynamical chiral symmetry breaking will be examined. In particular interesting connections to Quark Flavour Dynamics will be discussed.

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