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## Progress in Electromagnetic Corrections to Staggered Chiral Perturbation Theory

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To reduce errors in light-quark mass determinations from the lattice, it is now necessary to consider electromagnetic contributions to light-meson masses. Calculations with quenched photons are currently underway, and suitably-extended chiral perturbation theory is necessary to extrapolate the lattice data to the physical limit. We discuss issues of including electromagnetism on the lattice from a chiral perturbation theory perspective. We also report on the development of staggered chiral perturbation theory to be used with recent quenched-photon simulations by the MILC collaboration.

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talk

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