Nonperturbative strange sea in proton using wave functions inspired by light front holography

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We use different light-front wave functions inspired by the AdS/QCD formalism, together with a model of the nucleon in terms of meson-baryon fluctuations to give predictions for the nonperturbative (intrinsic) contribution to the Strange / anti-strange asymmetry in the proton sea. The holographic wave functions for an arbitrary number of constituents, recently derived by us, give results quite close to known parametrizations that appear in the literature.