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## **A high-statistics lattice QCD study of nucleon sigma terms**

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For the Budapest-Marseille-Wuppertal collaboration

We present a lattice study of the u, d and s quark contents of the nucleon, determined using the Feynman-Hellmann theorem. Results are obtained from twenty-nine high-statistics simulations with four flavors of  $O(a)$ -improved Wilson quarks, four lattice spacings and a variety of quark masses.

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