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## Improved method for computing nucleon strangeness

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The strange quark content of the nucleon,  $\langle N | s s | N \rangle$ , as well as other matrix elements, can be calculated on the lattice by examining correlations between the nucleon propagator and the quark condensate. The largest contribution to statistical error comes from coincidental correlations between the propagator and fluctuations in the condensate far from the propagation region that contribute only noise. We will present a technique for considering only the condensate near the propagation region, significantly reducing the statistical error.

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talk

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