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Disconnected Diagrams: Progress, Methods and Prospects

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Computation of disconnected or non-valence quark loops presents a computationally challenging problem. Absent these contributions operators with zero flavor quantum numbers can not be studied. This is a report on progress to measure the strange quark contributions to nucleon form factors. The increasing importance of GPU architectures and multigrid methods will be discussed, as will prospects for increased accuracy as these methods are further exploited.

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talk

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