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Nonperturbative propagators and vertices from Dyson-Schwinger equations

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Correlation functions of quantum chromodynamics can be used to calculate bound states or investigate the phase diagram. I will report on the present state of determining the correlation functions of pure QCD from Dyson-Schwinger equations. Various investigations, like calculations beyond primitively divergent correlations functions or of two-loop diagrams, hint at favorable convergence properties of the system.

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