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### Higher-order condensate corrections to bottomonium observables

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The perturbative accuracy for bottomonium observables has recently been extended to next-to-next-to-next-to-leading order. Assuming the hierarchy  $\Lambda_{\text{QCD}} \ll m_b v^2$  holds, non-perturbative corrections take the form of local condensates. I determine higher-order corrections in this approach and assess its validity by studying the convergence of the series. In particular, the non-perturbative effects on the determination of the bottom-quark mass from the bottomonium spectrum and sum rules are discussed.

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