

New Results for inclusive $b \rightarrow c$ semileptonic transitions

Wednesday 17 April 2019 16:50 (25 minutes)

The talk consist of two parts. In the first part I present a new method for the extraction of V_{cb} which is based on a reduced set of non-perturbative parameters. This will eventually allow us to extract this CKM element up to order $1/m^4$ without relying on model for non-perturbative physics. in the second part I present the calculation of the QCD corrections to the $1/m^3$ contributions and present first results.

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