

Rare $b \rightarrow d$ decays in covariant confined quark model

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we study the rare decays corresponding to $b \rightarrow d$ transition in the framework of the covariant confined quark model. Using the form factors, we compute the branching fractions of the rare decays and our results are found to be matching well with the experimental data. We also compute the ratios of the branching fractions of the $b \rightarrow s$ to $b \rightarrow d$ rare decays using the inputs from previous papers on this model.

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