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# CALCULATION OF FORM FACTORS AND SEMI-LEPTON BRANCHINGS OF THE B → ρ TRANSITION IN THE COVARIANT QUARK MODEL

In this paper, we study the B⟶ρ transition within the covariant confined quark model. The main focus is on calculating the form factors for the B⟶ρ channels over the entire dynamic range of the transferred momentum q^2. Using these form factors, we calculated the branchings for the semileptonic decay B^+⟶ρ^+ l^+ l^-, where l are leptons. The results obtained show good agreement with the available theoretical data.

## Section

Nuclear physics (Section 1)

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