

## New results of R-parity-violating MSSM contributions to neutral mesons' mixing

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Low-energy flavour observables provide powerful tests of physics beyond the Standard Model. We calculate  $\Delta M_{B_d^0/B_s^0/K^0}$ , arising from the respective neutral mesons' mixing, by using the R-parity-violating Minimal Supersymmetric Standard Model (RPV-MSSM) including the mixing effects induced by the bilinear RPV term in the superpotential. We take into account all contributions at the tree- and the one-loop level which arise due to new physics. While most partial results agree with the existing literature, we do find differences which we point out accordingly.

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