

Erratum: Charmless nonleptonic rare decays of B mesons [Phys. Rev. D 43, 2176 (1991)]

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The values for the form factors $f_+^{B\eta'}(0)$ and $f_+^{B\eta}(0)$, taken from Ref. [5], should be multiplied by a factor of $1/\sqrt{6}$ and $1/\sqrt{3}$, the normalization constants of the η' and η wave functions, respectively, for the $\eta-\eta'$ mixing angle $\theta = -19.5^\circ$. As a consequence, the predicted branching ratios for hadronic charmless B decays involving η or η' given in Tables II and III should be modified as shown in the following table:

Decay	Br	Decay	Br
$B_d^0 \rightarrow K^0 \eta$	1.7×10^{-8}	$B_d^0 \rightarrow K^0 \eta'$	1.9×10^{-5}
$B_d^0 \rightarrow \pi^0 \eta$	4.3×10^{-6}	$B_d^0 \rightarrow \pi^0 \eta'$	1.4×10^{-5}
$B_d^0 \rightarrow \eta \eta$	2.4×10^{-6}	$B_d^0 \rightarrow \eta \eta'$	9.9×10^{-6}
$B_d^0 \rightarrow \eta' \eta'$	1.4×10^{-5}		
$B_u^+ \rightarrow K^+ \eta$	4.0×10^{-7}	$B_u^+ \rightarrow K^+ \eta'$	2.1×10^{-5}
$B_u^+ \rightarrow \pi^+ \eta$	4.5×10^{-6}	$B_u^+ \rightarrow \pi^+ \eta'$	2.3×10^{-5}
$B_d^0 \rightarrow K^{*0} \eta$	9.8×10^{-7}	$B_d^0 \rightarrow K^{*0} \eta'$	3.4×10^{-7}
$B_d^0 \rightarrow \rho^0 \eta$	6.5×10^{-6}	$B_d^0 \rightarrow \rho^0 \eta'$	1.1×10^{-5}
$B_d^0 \rightarrow \omega \eta$	7.0×10^{-6}	$B_d^0 \rightarrow \omega \eta'$	1.9×10^{-5}
$B_u^+ \rightarrow K^{*+} \eta$	3.0×10^{-6}	$B_u^+ \rightarrow K^{*+} \eta'$	9.8×10^{-7}
$B_u^+ \rightarrow \rho^+ \eta$	1.7×10^{-5}	$B_u^+ \rightarrow \rho^+ \eta'$	2.4×10^{-5}