

**Erratum: Heavy-to-light semileptonic decays of Λ_b and Λ_c baryons
in the covariant confined quark model
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In the last line of Eq. (10), the signs \pm in front of the term $d\Gamma_P$ have to be reversed to \mp . Consequently, the numerical results for the asymmetry parameter $\alpha_{\text{FB}}^{\ell}$ given in Table VIII are changed. The new values are given below.

TABLE VIII. Asymmetry parameter $\alpha_{\text{FB}}^{\ell}$.

| Mode | Our result |
|---|------------|
| $\Lambda_b \rightarrow p e^- \bar{\nu}_e$ | 0.388 |
| $\Lambda_b \rightarrow p \mu^- \bar{\nu}_\mu$ | 0.386 |
| $\Lambda_b \rightarrow p \tau^- \bar{\nu}_\tau$ | 0.220 |
| $\Lambda_c \rightarrow n e^+ \nu_e$ | -0.236 |
| $\Lambda_c \rightarrow n \mu^+ \nu_\mu$ | -0.260 |

In our paper [1] in Eq. (38) one has to replace $3/2 \rightarrow 3/4$ (sign is unchanged). The numerical values for the lepton forward-backward asymmetry A_{FB}^{ℓ} in Eq. (66) (first column) are changed accordingly: $0.36 \rightarrow 0.18$ (electron) and $-0.077 \rightarrow -0.0385$ (tau).

We would like to thank Vladimir Galkin for pointing out these mistakes.

- [1] T. Gutsche, M. A. Ivanov, J. G. Körner, V. E. Lyubovitskij, P. Santorelli, and N. Habył, *Phys. Rev. D* **91**, 074001 (2015); **91**, 119907 (2015).