Errata

Errata for doctoral thesis Time-dependent CP violation in $B^0 \to \eta_c K^0_S$ decays at the Belle experiment, Alignment of the Belle II detector by Tadeáš Bilka.

Location	$Original \rightarrow Corrected$
page 62, 2nd par.	In the considered physics model, a new type of Z boson denoted as Z' with effective $\bar{s}Z'b$ couplings would enter via penguin $b \to s$ contributions. SM-like couplings $\bar{q}Z'q$ are assumed, with vector and axial currents, which have different coupling constants. \to In the considered physics model, non-SM effective $\bar{s}Zb$ couplings would enter via penguin $b \to s$ contributions. SM-like couplings $\bar{q}Zq$ are assumed, with vector and axial currents, which have different coupling constants.
page 348, last par.	Contrary to LHCb, which measures lifetimes relative to τ_{D^0} \rightarrow Contrary to LHCb, which measures lifetimes relative to τ_{D^+}
page 383	$\begin{array}{c} \dots \text{ single-enhanced region } \dots \\ \rightarrow \\ \dots \text{ signal-enhanced region } \dots \end{array}$
page 386, Eq. D.10	$y \to v$ in the matrix on r.h.s.