Erratum

Vector boson parameters: Scheme dependence and theoretical uncertainties

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Due to an error in the coefficient of the mixing term ΔC^{mix} in (5.2) where c_θ^2 must be replaced by $(1 - 4s_\theta^2)$ the results presented in Table 5c for Γ_{Zll} are incorrect. The correct values are given in the corrected table. Furthermore the value for $\Gamma(Z \rightarrow "udcsb")$ on p. 433 should read $1854 \pm 4 \text{ MeV}$. I thank G. Burgers for the information that my old values for Γ_{Zll} are erroneous. For recent updates see F. Jegerlehner: Precision tests of electroweak – interaction parameters. Preprint University of Bielefeld BI-TP 87/16 (1987); F.A. Berends, G. Burgers, W. Hollik, W.L. van Neerven: The standard Z peak, Preprint CERN TH.4919/87 (1987).

Table 5c. The leptonic Z-width Γ_{Zll} for various values of M_Z , m_H and m_t (all masses in GeV). The error includes hadronic and higher order uncertainties

	M_Z	$m_H = 10$	$m_H = 100$	$m_H = 500$	$m_H = 1000$
$m_t = 30$	90	0.0796 (0)	0.0798 (0)	0.0797 (0)	0.0796 (0)
	92	0.0857 (1)	0.0858 (1)	0.0856 (1)	0.0855 (1)
	94	0.0924 (1)	0.0926 (1)	0.0924 (1)	0.0923 (1)
	96	0.0999 (1)	0.1001 (1)	0.0998 (1)	0.0997 (2)
$m_t = 60$	90	0.0796 (1)	0.0798 (1)	0.0797 (1)	0.0796 (0)
	92	0.0856 (1)	0.0858 (1)	0.0856 (1)	0.0855 (1)
	94	0.0924 (1)	0.0925 (2)	0.0923 (2)	0.0922 (2)
	96	0.0999 (2)	0.1000 (2)	0.0998 (3)	0.0997 (3)
$m_t = 90$	90	0.0798 (1)	0.0799 (0)	0.0798 (0)	0.0798 (0)
	92	0.0858 (1)	0.0860 (1)	0.0858 (1)	0.0857 (0)
	94	0.0927 (1)	0.0928 (1)	0.0926 (1)	0.0925 (1)
	96	0.1002 (1)	0.1003 (1)	0.1001 (1)	0.1000 (1)
$m_t = 120$	90	0.0800 (1)	0.0801 (1)	0.0800 (1)	0.0799 (1)
	92	0.0861 (1)	0.0862 (1)	0.0861 (1)	0.0860 (1)
	94	0.0929 (2)	0.0931 (2)	0.0929 (2)	0.0928 (1)
	96	0.1005 (2)	0.1007 (2)	0.1004 (2)	0.1003 (2)
$m_t = 150$	90	0.0802 (1)	0.0803 (1)	0.0802 (1)	0.0802 (1)
	92	0.0863 (2)	0.0865 (2)	0.0863 (2)	0.0863 (2)
	94	0.0932 (2)	0.0934 (2)	0.0932 (2)	0.0931 (2)
	96	0.1009 (2)	0.1010 (2)	0.1008 (3)	0.1007 (3)