

*Erratum*

## Vector boson parameters: Scheme dependence and theoretical uncertainties

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Due to an error in the coefficient of the mixing term  $\Delta C^{\text{mix}}$  in (5.2) where  $c_\theta^2$  must be replaced by  $(1 - 4s_\theta^2)$  the results presented in Table 5c for  $\Gamma_{Zll}$  are incorrect. The correct values are given in the corrected table. Furthermore the value for  $\Gamma(Z \rightarrow "udcsb")$  on p. 433 should read  $1854 \pm 4$  MeV. I thank G. Burgers for the information that my old values for  $\Gamma_{Zll}$  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  $\Gamma_{Zll}$  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)