Errata

Heavy flavor production at high energy ep colliders

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In the expression for $f_2(z, Q^2)$ in (2.1) there are *no* factors of 5 in front of the m^6/Q^6 and $m^4 m'^2/Q^6$ terms in the last term in square brackets (seventh line on p. 442), i.e. the correct expression should read

$$f_2(z, Q^2) = \dots + \frac{m^6 - m^4 m'^2 - m^2 m'^4 + m'^6}{Q^6} 2z^2] L + \dots$$

The quantitative effects are marginal: Without the factors of 5, our predictions for (charged current) $b\bar{t}$ production are reduced by less than 10–20%.

What we can learn from $\gamma\gamma \rightarrow \pi\pi$, $K\bar{K}$ in the resonance region

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In Sect. 2.4 we introduced two alternative prescriptions for deriving resonance widths from coupling parameters. The associated formulae ((31) and (32)) are both in error. The correct versions are obtained by substituting (γ_D/m_f) for γ_D in the published formulae to yield

$$\Gamma_{\gamma\gamma}^f(\text{def}^n 1) = 0.084$$

$$\cdot [\gamma_D^2 - \gamma_D(0.5\rho + 2.44(1 - \rho^2)^{1/2}) + 5.1],$$

$$\Gamma_{\gamma\gamma}^f(\text{def}^n 2) = 0.081 \gamma_D^2.$$

In Table 1, the final two columns listing widths according to these definitions were unfortunately juxtaposed. Furthermore, a mistake was made in trans-

forming our computed scalar couplings to the γ_S of (26). All these corrections are incorporated in the new Table 1:

Table 1. Parameters of illustrative solutions

Solutions	γ_S (Type)	γ_D	ρ	$\Gamma_{\gamma\gamma}^f(\text{def}^n 1)$ keV	$\Gamma_{\gamma\gamma}^f(\text{def}^n 2)$ keV
<i>A</i>	0.0	6.92	0.0	3.0	3.9
<i>C</i>	$-0.18(M)^a$	7.61	0.6	3.9	4.7
<i>D</i>	$-1.27(H)^a$	5.95	0.5	2.2	2.9
<i>E</i>	$0.96(L)^a$	7.42	0.7	3.7	4.4

^a *L, M, H* refer to the alternative forms of direct *S*-wave contribution