Erratum

Renormalization effects in the superstring moduli from the higher-derivative terms

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The following are corrections to errors in the published paper:

- (1) On p. 3217, in line 30, and on p. 3220, in line 15, printed as “ $1.14 < \gamma < 2.63$ ” should read “ $1.23 < \gamma < 2.26$ ”
- (2) On p. 3228, in line 8, printed as

$$+ \{N - [2(N + 1)\hat{\alpha}_1 - 8\hat{\alpha}_2]e^{-2\alpha}R\}(\nabla\beta)^2$$

should read

$$+ \{N - [2N(N + 1)\hat{\alpha}_1 - 8\hat{\alpha}_2]e^{-2\alpha}R\}(\nabla\beta)^2$$

- (3) On p. 3229, in line 3, printed as

$$+ 3\left(1 - \frac{23\alpha'}{24}e^{-2\alpha}R\right)\frac{(\nabla\beta)^2}{\kappa^2}$$

should read

$$+ 3\left(1 - \frac{29\alpha'}{12}e^{-2\alpha}R\right)\frac{(\nabla\beta)^2}{\kappa^2}$$

*Temporary address.

(4) On p. 3230, lines 10, 16 should read, respectively,

$$b = \kappa^{-2} \left\{ \frac{1}{2} N + \{ (N \hat{\alpha}_2 + 8 \hat{\alpha}_3) f - [N(N+1) \hat{\alpha}_1 - 4 \hat{\alpha}_2] g \} \kappa^2 \rho e^{-2\alpha} \right\},$$

$$b = \kappa^{-2} [3 - (99\gamma - 124) \kappa^4 \rho e^{-2\alpha}],$$

(5) On p. 3231, lines 2, 3 should read

$$\mathcal{A} = 2(15\gamma - 14)^2 + 30(2 - \gamma)(99\gamma - 124),$$

$$\mathcal{B} = -90(2 - \gamma) + (198\gamma - 248),$$

(6) On p. 3231, Eq. (77) should read

$$Z_{\pm} = \frac{107 - 72\gamma \pm \sqrt{(107 - 72\gamma)^2 - 6(630\gamma^2 - 2,205\gamma + 1,762)}}{-1,260\gamma^2 + 4,410\gamma - 3,524}. \quad (77)$$

(7) On p. 3231, lines 9, 10 should read
that is throughout the range

$$1.23 < \gamma < 2.26, \quad (78)$$

(8) On p. 3231, in line 12, printed as “1.14” should read “1.23”

(9) On p. 3232, Table 1 should read

Table 1			
γ	4/3	5/3	2
Z_+	0.28	0.064	0.036
t_c/t_P	12	18	21
S_h	60	31	43