

## Cosmological Aspects of Universal Extra Dimensions:

**Errata**

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- Page iii**  $(1 \text{ GeV})^{-1} = 6.58 \cdot 10^{-25} \text{ s}$
- Page 16** After Eq. (3.2):  $e^{-i\frac{2\pi n}{R}} \rightarrow e^{-i\frac{n}{R}y}$ .
- Page 17** Eq. (3.6) should read:  $S = \int d^4x \sqrt{|g|} \frac{(\int d^n y \sqrt{|\hat{g}|})}{2\hat{\kappa}^2} \text{R} + \dots$   
Eq. (3.7) should read:  $\kappa^2 = V^{-1}\hat{\kappa}^2$ .
- Page 27** In Eq. (3.40):  $\Phi \rightarrow \phi$ .
- Page 31** In Eq. (3.65) and the paragraph thereafter:  $\Phi \rightarrow \phi$ .  
After Eq. (3.65): ' $\hat{\lambda}_d$  and  $\hat{\lambda}_u$ '  $\rightarrow$  ' $\hat{\lambda}_D$  and  $\hat{\lambda}_U$ '.
- Page 33** In the lower right entry of matrix (3.67):  $\frac{1}{4}v^2g^2 \rightarrow \frac{1}{4}v^2g_Y^2$ .
- Page 39** In Eq. (4.7):  $\hat{\kappa}^2 \rightarrow \bar{\kappa}^2$ .
- Page 62** Last term in Eq. (5.19) should read  $N_{14}\tilde{H}_2^0$ .
- Page 81** Eq. (A.25) is identical to (A.24) and can be deleted.
- Page 84** Eq. (A.71) is identical to (A.69) and can be deleted.
- Page 87** Change the sign in Eqs. (A.96) and (A.97). [recall that  $e = -|e|$ ]
- Page 87** Missing  $\gamma^5$  in Eq. (A.101).
- Page 89** Eq. (A.115): Divide the last three rows by 4.  
Eq. (A.119): This is the expression for  $g_{H^{(0)}\bar{\xi}_d^{(1)}\xi_s^{(1)}} (= -g_{H^{(0)}\bar{\xi}_s^{(1)}\xi_d^{(1)}})$ .
- Pages 89-90** Eqs. (A.116) - (A.127): Replace every ' $\frac{1}{m_W}$ ' by ' $\frac{1}{4m_W}$ '.
- Page 90** Eqs. (A.122) - (A.123): Replace  $Y_d \rightarrow Y_s$  in front of the  $P_L$  terms.
- Pages 92-93** Eqs. (A.135), (A.136):  $(2\hat{e}A_{[5]} + \hat{g}/c_w Z_{[5]}) \rightarrow (2\hat{e}A_{[5]} + \hat{g}(2c_w - 1/c_w)Z_{[5]})$ .  
Eqs. (A.135):  $g \rightarrow \hat{g}$  in front of the  $W^+W^- [HH + \chi^3\chi^3]$  term.

Thanks to everybody who has contributed to this list!