

List of misprints and minor corrections for
“Supersymmetry in Particle Physics”

- pxi line 5 replace ‘phenomenolggally’ by ‘phenomenologically’
- p4 line 3 of second paragraph after ‘proportional to’ insert ‘(our metric is such that $k^2 = (k^0)^2 - \mathbf{k}^2$)’
- p16 line 1 replace ‘how symmetries’ by ‘how continuous symmetries’
- p31 in equation (2.88), middle term, replace ‘ $\bar{\psi}^T$ ’ by ‘ $\bar{\Psi}^T$ ’
- p33 in equation (2.97) before ‘.’ insert ‘ $= \begin{pmatrix} \bar{\psi}^{\dot{a}} \\ \psi_a \end{pmatrix}$ ’; in equation (2.100) before ‘.’ insert ‘ $= \begin{pmatrix} \bar{\chi}^{\dot{a}} \\ \chi_a \end{pmatrix}$ ’
- p34 in equation (2.105) before ‘.’ insert ‘ $= \bar{\Psi}_M^\chi \Psi_M^\xi$ ’
- p35 in equation (2.113) after ‘ $\bar{\chi} \bar{\sigma}^\mu \xi$ ’ insert ‘ $= -\bar{\Psi}_M^\chi \gamma^\mu \Psi_M^\xi$ ’; in equation (2.114) before ‘.’ insert ‘ $= +\bar{\Psi}_M^\chi \gamma_5 \gamma^\mu \Psi_M^\xi$ ’
- p37 line 7 of section 2.5.2 after ‘index’ insert ‘running from 1 to 4’
- p38 first line after equation (2.135) after ‘satisfies’ insert ‘(see (2.88))’
- p39 in equation (2.142) before ‘.’ insert ‘; $C \gamma^\mu C = \gamma^{\mu T}$; $[C, \gamma_5] = 0$ ’
- p43 in equation (3.9) replace ‘=’ by ‘ $\stackrel{?}{=}$ ’; in Exercise 3.1 replace ‘(3.8)’ by ‘(3.10)’
- p44 in equation (3.15) replace ‘(first’ by ‘(first’
- p45 in equation (3.23) replace ‘ $\phi^\dagger \bar{\sigma}^\mu$ ’ by ‘ $\phi^\dagger i \bar{\sigma}^\mu$ ’
- p50 line 1 replace ‘any symmetries’ by ‘any continuous symmetries’
- p52 in equation (4.13), first line, replace ‘/2’ by ‘/2)’; in equation (4.14), first line, replace ‘/2’ by ‘/2)’
- p56 first line after equation (4.45) replace ‘the’ by ‘the (η, ξ^*) part of the’

- p65 lines 3-4 replace ‘see the preceding footnote’ by ‘see the footnote on page 57’
- p95 in equation (6.42) and in the first line following this equation replace three commutator brackets ‘[,]’ by anticommutator brackets ‘{ , }’
- p108 line before equation (7.9) after ‘is’ insert ‘(we take $\epsilon^{0123} = +1$)’
- p116 on RHS of equation (7.61) delete ‘-’; on RHS of equation (7.62) delete ‘_’
- p117 in equation (7.66) replace ‘ $\partial\phi_i\phi_j$ ’ by ‘ $\partial\phi_i\partial\phi_j$ ’
- p118 on RHS of equation (7.71) delete ‘-’
- p122 line 10 after equation (8.4) replace ‘that’ by ‘the’
- p158 second line after equation (10.26) replace ‘and (10.14).’ by ‘and (10.14), except at the isolated point $\beta = \pi/4$.’
- p162 line 4 replace ‘ $\sin\beta$ ’ by ‘ $\sin 2\beta$ ’
- p175 first line after equation (11.11) replace ‘components’ by ‘components of the mass matrix’
- p177 line 3 of section 11.3 replace ‘Mixing’ by ‘Coupling’
- p188 in equation (12.11) replace ‘]’ by ‘]^{1/2}’
- p191 first line after equation (12.31) replace ‘the colour’ by ‘the (omitted) colour’
- p193 in equation (12.55) replace ‘ $m_{\tilde{\chi}_i^0}^2$ ’ by ‘ $m_{\tilde{\chi}_i^0}$ ’
- p197 first line after equation (12.79) replace ‘mass’ by ‘momentum’
- p198 in equation (12.81) replace ‘.’ by ‘,’; after equation (12.81) insert ‘where θ is the angle between \mathbf{p}_1 and \mathbf{k}_1 .’
- p208 in equation (12.149) replace ‘ $\cos^2\theta_W$ ’ by ‘ $\cos^4\theta_W$ ’; and replace ‘ $m_{\tilde{\tau}_1}^2 m_{\tilde{\tau}_2}^2$ ’ by ‘ $m_{\tilde{\tau}_1}^2 m_{\tilde{\tau}_2}^2$ ’