

List of misprints and minor corrections for  
“Gauge Theories in Particle Physics” Fourth Edition, volume 1:  
“From relativistic Quantum Mechanics to QED”

- p129 line before (5.64) for ‘ $\hat{A} = \hat{q}$ ’ read ‘ $\hat{A} = \hat{p}$ ’  
p167 two lines before (6.90) for ‘(6.85)’ read ‘(6.86)-(6.89)’  
p169 line before (6.94) for ‘ $z + \omega_k$ ’ read ‘ $z - \omega_k$ ’  
p258 in figure 8.18, for ‘ $k, s$ ’ read ‘ $k, r$ ’; for ‘ $k', s'$ ’ read ‘ $k', r'$ ’; for ‘ $p, r$ ’  
read ‘ $p, s$ ’  
p302 in figure 10.2 insert ‘C’ to the left of the vertical line joining  $x_1$  to  $x_3$   
p382 in (E.27) replace ‘ $\delta(\mathbf{x})$ ’ by ‘ $\delta^3(\mathbf{x})$ ’; in (E.28) replace ‘ $\delta(x)$ ’ by ‘ $\delta^4(x)$ ’;  
line following (E.28) replace ‘ $\delta(x) = \delta(x^0)\delta(\mathbf{x})$ ’ by ‘ $\delta^4(x) = \delta(x^0)\delta^3(\mathbf{x})$ ’