List of known errors and corrections for
*Analysis and Design of Analog Integrated Circuits*, Fifth Edition,
P. R. Gray, P. J. Hurst, S. H. Lewis, and R. G. Meyer

• Posted on April 28, 2009
  The first line after equation (6.124) on page 451 is incorrect. It should say:

  Assume that $\text{Bias}_1$ and $\text{Bias}_{CM}$ are adjusted so that $Q_3$, $Q_4$, $Q_6$, and $Q_7$ operate in the forward-active region.

• Posted on March 24, 2010
  On page 738, 5 lines after the example. The sentence ”Thus the arrow in the current source in Fig. 11.2 has no significance and is included only to identify the generator as a current source.” is incorrect. It should say:

  ”Thus the arrow in the current source in Fig. 11.4 has no significance and is included only to identify the generator as a current source.”

• Posted on August 2, 2019
  On page 512, line 6 (counting each equation as a line): ”gain of the circuit from (7.67)” should be ”gain of the circuit from (7.47)”.

• Posted on August 2, 2019
  Page 747: Equation (11.16) is incorrect. There should be a $g_m$ term in the denominator. The correct equation is

\[
\frac{i_2}{g_m} = \frac{16kT\omega^2C^2_{L1} \Delta f}{15g_m}
\]

• Posted on May 20, 2021
  Page 498: The last equation in the example is incorrect. $R_S$ in the denominator is displayed as 5 kΩ but should be equal to 1 kΩ as given in the example. This equation should be

\[
\left. \frac{v_o}{v_i} \right|_{\omega = 0} = -g_m R_L \frac{r_\pi}{R_S + r_b + r_\pi} = \frac{5000}{26} \frac{2.6}{1 + 0.2 + 2.6} = -132
\]

The last sentence in the example should say, “The gain magnitude at low frequency is thus 42.4 dB ...

Finally, the low-frequency gain in Fig. 7.8 should be changed to 42.4 dB.