

・ P12 L13  $f(z) = \frac{1}{(z-1)(z+2)} = \frac{1}{z-1} + \frac{1}{z+2} \Rightarrow f(z) = \frac{3}{(z-1)(z+2)} = \frac{1}{z-1} - \frac{1}{z+2}$

・ P12 L17  $\dots + \frac{1/2}{1 - (-\frac{z}{2})} = \dots + \frac{1}{2}(1 - \dots) \Rightarrow \dots - \frac{1/2}{1 - (-\frac{z}{2})} = \dots - \frac{1}{2}(1 - \dots)$

・ P12 L19  $\dots + \frac{1/z}{1 - (-\frac{2}{z})} = \dots + \frac{1}{z}(1 - \dots) \Rightarrow \dots - \frac{1/z}{1 - (-\frac{2}{z})} = \dots - \frac{1}{z}(1 - \dots)$

・ P12 L21  $\dots + \frac{1/2}{1 - (-\frac{z}{2})} = \dots + \frac{1}{2}(1 - \dots) \Rightarrow \dots - \frac{1/2}{1 - (-\frac{z}{2})} = \dots - \frac{1}{2}(1 - \dots)$

・ P21 L1 式 (1.27)  $\dots = \ln\left(4e^{i\left(\frac{\pi}{4} + n\pi\right)}\right) = \ln 4 + i\left(\frac{\pi}{4} + n\pi\right)$

$$\Rightarrow \dots = \ln\left(4e^{i\left(\frac{\pi}{4} + 2n\pi\right)}\right) = \ln 4 + i\left(\frac{\pi}{4} + 2n\pi\right)$$

・ P75 L2  $\dots \zeta^2 = l^2 + m^2 \dots \Rightarrow \dots \zeta^2 = l^2 + k^2 \dots$

・ P83 L11 式 (4.28)  $J_n(z) = \frac{1}{2}[H_n^{(1)}(z) + H_n^{(1)}(z)] \Rightarrow J_n(z) = \frac{1}{2}[H_n^{(1)}(z) + H_n^{(2)}(z)]$