

Astronomical Algorithms, 2nd Edition Errata

February 16, 2004

Page 63, line 12, "If Z is equal to or larger than 2291 161" should read 2299 161.

Page 144, 5th line from bottom reads as follows:

$$\Delta\psi = -17''20 \sin\Omega - 1''32 \sin 2L - 2''23 \sin 2L' + 0''21 \sin 2\Omega$$

It should read (with only one minus (-) sign)

$$\Delta\psi = -17''20 \sin\Omega - 1''32 \sin 2L - 0''23 \sin 2L' + 0''21 \sin 2\Omega$$

Page 328, the two constants 0.01 should be replaced by 0.001 in expressions a_1 and a_2 . This affects the values in the Example 46a on pages 334–335.

Pages 334–335, see corrections to page 328 which affects the values in Example 46a.

Page 406, in subsection (3), formula for y : $\tan \varphi$ should be $\tan \delta$. That is, the current equation:

$$y = -a \frac{\cos \varphi \cos H + \sin \varphi \tan \varphi}{Q}$$

should read

$$y = -a \frac{\cos \varphi \cos H + \sin \varphi \tan \delta}{Q}$$