Astronomical Algorithms

Corrections to the First Edition, 1991

Page

2   In the last sentence, for advices, read advice.

26   In example 3.c, read y_3 = +230**3**.2.

31   Line 5 from bottom, read n_m instead of y_m.

60   Line 2 from bottom, *D* is the day of the *month*.

72   The value for 1992 is 58.3 ; that for 1994 is 60.0.

89   Formula for tan *H*. In the denominator, replace the *first* cos φ by sin φ.

110   Lines 14 and 13 from the bottom : ... where **it is** referred...

114   In the Example, the five values of Δδ are expressed in *degrees* and decimals. It is better to express them in seconds of time.

135   In formula (21.3), read 23°26′**21**″.448.

139   In the formula for π, read +**1**°.71953 *T*.

140   Line 3 from the bottom, read π = 103°.434.

154   Reference [1] is not given. This reference is P. Bretagnon and J.-L. Simon, *Planetary Programs and Tables from -4000 to +2800*, Willmann-Bell, Richmond (1986).

177   Fourth line from the bottom, read Julian Ephemeris **Day**.

179   In Formula (28.1), read Julian Ephemeris **Day**.

183   To the right of he drawing, read 0° < *M* < ***E*** < *v* < 180°.

229   Line 3 from the bottom, *Qt*/3 should be 3*Qt*.

239   Line 2 from the bottom, Herschell should be Herschel.

286   Last line : replace *II also* by *III too*.

312   In Example 45.*a*, read :
          Σr = -16 590 875
          Δ = 385000.56 - 16590.875 = 368409.7 km
          π = arcsine (6378.14/368409.7) = 0°.991990 = 0°59′31″.2

317   Line 4 from the bottom, (46.5) should be (46.1).

342   Line 10, read 1°32′32″.7.

351   Line 6 from the bottom, read umbral co**n**e.

356   In the Example, read twice JDE = 2**4**50 708...

359   For Saturn, equatorial, read 83.33 instead of 83.83.

393   Line 3: 3.559 should be 5.559.

427   Magnitude: add   of planets, 269, 270.

Jean Meeus
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