

Correction to: Gravitation



Correction to:

Chapter 4 in: A. Bettini, *A Course in Classical Physics 1—Mechanics*, Undergraduate Lecture Notes in Physics,
https://doi.org/10.1007/978-3-319-29257-1_4

In the original version of the book, the following belated corrections have been incorporated in chapter “Gravitation”:

Page 144, line 13:

Change “He found correctly that the distance of the moon is about 60 times the radius of the earth. However, due to the insufficient resolution in the measurement of the angles, he evaluated that the sun is 20 times farther than the moon, rather than about 400 as it is”

Into “Due to the insufficient resolution in the measurement of the angles, he evaluated that the distance of the moon is about 20 times the radius of the earth, instead of 60 as it is, and that the sun is 20 times farther than the moon, rather than about 400 as it is”

Page 144, last line:

Change “from East to West”

Into “from West to East relative to the fixed stars”

Page 146, line 5:

Change “Mars and Venus”

Into “Mercury and Venus”

The updated version of this chapter can be found at
https://doi.org/10.1007/978-3-319-29257-1_4

Page 146, line 3 from bottom:

Erase: “both the equant and”

Page 149, Section 4.3, line 2:

Erase “Both systems make use of the equant”

Change “To be precise, the centre of the Copernicus system is not the sun, but the equant of the earth (what we now know to be the empty focus of her elliptical orbit).”

Into “To be precise, the centre of the Copernicus system is not the sun, but the centre of the elliptical orbit of the earth.”