

Errata of the book “The Experimental and Historical Foundations of Electricity” by A. K. T. Assis (Apeiron, Montreal, 2010), ISBN: 978-0-9864926-3-1

I thank Pietro Cerreta and Andrea Cerreta for these corrections.

- Pages 5 and 215, Section 7.15 should be written as:

7.15 A Small Piece of Paper is Attracted with a Greater Force when Above an Insulator or a Conductor?

- Page 84, the line before Experiment 4.16 should read:

wall or a chair). See Section 4.2.

- Page 106, the 4th line of footnote 1 should be written as:

corps électriques ne different-ils entre-eux que par les divers degrés d'électricité? Cet examen

- Page 107, the 5th line of the footnote should be written as:

un grand nombre de fois, croyant que je ne présentois pas à la feuille l'endroit qui avoit été

- Page 107, the 14th line of the footnote should be written as:

la chassa de meme, enfin je ne pus pas douter que le verre & le cristal de roche, ne fissent

- Page 107, the 15th line of the footnote should be written as:

précisément le contraire de la gomme copal, de l'ambre & de la cire d'Espagne, ensorte que la

- Page 109, the 8th line of footnote 4 should be written as:

noms différents pour éviter la confusion des termes, ou l'embarras de définir à chaque instant

- Page 112, 123 etc. I have now discovered that what I call "hard rubber" or "rubber hose" in this book (a white flexible hose or tube utilized normally in Brazil connected to electric showers) is made of PVC.

- Page 115, the 2nd line of footnote 8 should be written as:

conque, il n'y a qu'à le rendre électrique, & lui présenter l'un après l'autre un morceau de

- Page 119, the 1st line of footnote 9 should be written as:

[DF33b, pp. 473-474]: "Il y a encore un moyen bien simple pour connaître le genre

- Page 126, the 11th line of Experiment 5.22 should be written as:

inclination of the thread relative to the vertical (Figure 5.26). This shows that

- Page 137, the 7th line of the third paragraph after the caption of Figure 6.5 should be written as:

order to test this condition, we might move our finger near the paper disk of

- Page 138, the 5th line from the bottom up should be written as:

the rubbed straw or away from it. By performing this experiment carefully, we

- Page 141, the 5th line should be written as:

the electroscope and scrapes against it, as in Experiment 6.2. We observe that

- Page 143, the 4th line of Experiment 6.11 should be written as:

drops immediately (Figure 6.14). When we remove the wood skewer, the strip

- Page 148, the 3rd line below the caption of Figure 6.17 should be written as:

of electroscope II does not move. This sequence of procedures is illustrated in

- Page 154, the 12th line should be written as:

This is indicated by the fact that the light bulb does not turn on when *A* and *B*

- Page 154, the 21st and 22nd lines should be written as:

Definitions: When the light bulb turns on, the substance is called a conductor. When the light bulb does not turn on, the substance is called an insulator. We can

- Page 155, the 1st line should be written as:

suppose that the light bulb does not turn on, indicating that this receptacle is an insulator at 1.5

- Page 155, the 8th line should be written as:

That is, the light bulb does not turn on, indicating the fresh water is an insulator

- Page 166, the 5th line of footnote 13 should be written as:

de repulsion & d'attraction, que sur la réalité des deux genres d'électricité, sçavoir la vitrée

- Page 166, the 10th line should be written as:

this state is indicated by the angle between the two mobile strips.

- Page 177, the last line should be written as:

on the positive electroscope. From these facts we conclude that proof plane

- Page 185, the 3rd line from bottom up should be written as:

at 15 cm from the rubbed straw.

- Page 186, the 12th line from bottom up should be written as:

We now slowly bring the pendulum toward the right edge of the plate. At a

- Page 218, the first line of Experiment 7.35 should be written as:

We repeat Experiments 7.33 and 7.34, but now supporting the paper disk

- Page 224, the 10th line should be written as:

illustrated microscopically utilizing a plastic pendulum. As always, care should