Correction: He, X.; et al. Wireless Power Transfer System for Rotary Parts Telemetry of Gas Turbine Engine. *Electronics* 2018, 7(5), 58

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The authors wish to make the following corrections to the published paper [1].

There is a misprint in Equation (13), which expresses the mutual inductance M between two coils. The term $2d_1d_2$ is incorrect and should be replaced with $\mu_0 d_1 d_2$, where μ_0 is the permeability of vacuum.

In summary, on page 6, Equation (13) should be changed from

$$M = \frac{2d_1d_2}{4\pi R\sqrt{d_1{}^2+d_2{}^2+h^2+x^2}} \int_{\theta_2=0}^{2\pi} \int_{\theta_1=0}^{2\pi} \cos(\theta_1-\theta_2) \times [1-(\alpha\cos(\theta_1-\theta_2)+\beta\cos\theta_1 \atop -\delta\cos\theta_2)]-1/2 d\theta_1 d\theta_2 \tag{1}$$

to the following correct version:

$$M = \frac{\mu_0 d_1 d_2}{4\pi R\sqrt{d_1{}^2+d_2{}^2+h^2+x^2}} \int_{\theta_2=0}^{2\pi} \int_{\theta_1=0}^{2\pi} \cos(\theta_1-\theta_2) \times [1-(\alpha\cos(\theta_1-\theta_2)+\beta\cos\theta_1 \atop -\delta\cos\theta_2)]-1/2 d\theta_1 d\theta_2 \tag{2}$$

There is a misprint in Equation (14), which expresses the mutual inductance M between two coils. The term $2d_1d_2$ is incorrect and should be replaced with $\mu_0 d_1 d_2$, where μ_0 is the permeability of vacuum.

In summary, on page 6, Equation (14) should be changed from

$$M = \frac{2d_1d_2}{4\pi R\sqrt{d_1{}^2+d_2{}^2+h^2}} \int_{\theta_2=0}^{2\pi} \int_{\theta_1=0}^{2\pi} \cos(\theta_1-\theta_2)[1-\alpha\cos(\theta_1-\theta_2)]^{-1/2} d\theta_1 d\theta_2 \tag{3}$$

to the following correct version:

$$M = \frac{\mu_0 d_1 d_2}{4\pi R\sqrt{d_1{}^2+d_2{}^2+h^2}} \int_{\theta_2=0}^{2\pi} \int_{\theta_1=0}^{2\pi} \cos(\theta_1-\theta_2)[1-\alpha\cos(\theta_1-\theta_2)]^{-1/2} d\theta_1 d\theta_2 \tag{4}$$

There is a misprint in Equation (16), which expresses the mutual inductance M between two coils. The term $2d_{1,i}d_{2,j}$ is incorrect and should be replaced with $\mu_0 d_1 d_2$, where μ_0 is the permeability of vacuum.

In summary, on page 6, Equation (16) should be changed from

$$M = \frac{2d_{1,i}d_{2,j}}{4R\sqrt{d_{1,i}{}^2+d_{2,j}{}^2+h^2+x^2}} \int_{\theta_2=0}^{2\pi} \int_{\theta_1=0}^{2\pi} \cos(\theta_1-\theta_2) \times [1-(\alpha\cos(\theta_1-\theta_2) \atop +\beta\cos\theta_1-\delta\cos\theta_2)]-1/2 d\theta_1 d\theta_2 \tag{5}$$

to the following correct version:

$$M = \frac{\mu_0 d_{1,i} d_{2,j}}{4\pi R \sqrt{d_{1,i}^2 + d_{2,j}^2 + h^2 + x^2}} \int_{\theta_2=0}^{2\pi} \int_{\theta_1=0}^{2\pi} \cos(\theta_1 - \theta_2) \times [1 - (\alpha \cos(\theta_1 - \theta_2) + \beta \cos\theta_1 \\ -\delta \cos\theta_2)] - 1/2 d\theta_1 d\theta_2 \tag{6}$$

The authors would like to apologize for any inconvenience caused to the readers by these changes. The change does not affect the scientific results. The manuscript will be updated and the original will remain online on the article webpage, with a reference to this Correction.

Conflicts of Interest: The authors declare no conflict of interest.

References

1. He, X.; Shu, W.; Yu, B.; Ma, X. Wireless Power Transfer System for Rotary Parts Telemetry of Gas Turbine Engine. *Electronics* **2018**, *7*, 58. [CrossRef]