Erratum

E. Ley-Koo and G. Monsivais, "Forces between two uniformly charged cylinders *versus* forces between two conducting cylinders", *Rev. Mex. Fís.* **41** (1995) 610.

The forces between two conducting cylinders evaluated from Eqs. (3), (14), and (15) and leading to the result of Eq. (18) should be reduced to half of that value. This is clearly exhibited when the force is evaluated through the integration of the Maxwell stress tensor,

$$\vec{T} = \frac{\vec{E}\vec{E}}{4\phi} - \frac{1}{2}\vec{I}\frac{\vec{E}\cdot\vec{E}}{4\phi} \qquad \text{(E1)}$$

on the surface of the conducting cylinders. In fact, the integral evaluated in Eq. (18) correspond to the contribution from the first term in Eq. (E1); the contribution of the second term in Eq. (E1) is one half of the previous one and leads to the correction mentionated in the first sentence of this Erratum. As a consequence, the force between the two conducting cylinders tends to the correct limit of the force between the uniformly charged cylinders, when their radii are negligible in comparison with their separation, corrected Eq. (18) *versus* Eq. (7), for $R_1 \ll d$ and $R_2 \ll d$ in Eq. (19).