Correction

Correction to: The first distributed-mass high-performance programmable optoelectromechanical steerable motion-wave sensors focused on sophisticated biomedical applications

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In this article the delimiters "<" and ">" to indicate the range of values were omitted from Eqs. (11), (12), and (19) during production of the published article.

The **incorrect** equations were as follows:

$$d_n = d_{pn}\cos\theta_H\cos\theta_V$$
$$d_{pn} = d_p/d_{p,\min}, d_p = d_{p,\min}, d_{p,\max}, d_{pn} = 1, d_{p,\max}/d_{p,\min} \quad (11)$$

$$d = \left[d_A\cos\theta_H + d_B\cos\left(\theta_H - \theta_{AB}\right)\right]\cdot\cos\theta_V$$
$$d_A \,\&\, d_B = d_{p,\min}, d_{p,\max} \quad (12)$$

$$d = d_A\cos\theta_H + d_B\cos\left(\theta_H - 120^\circ\right) + d_C\cos\left(\theta_H + 120^\circ\right)$$
$$= d_i\cos\theta_H + d_q\sin\theta_H = d_s\cos\left(\theta_H - \theta_s\right)$$
$$d_A \,\&\, d_B \,\&\, d_C = d_{p,\min}, d_{p,\max}, d_i = d_A - \frac{d_B + d_C}{2},$$
$$d_q = \frac{\sqrt{3}}{2}\left(d_B - d_C\right), d_s = \sqrt{d_i^2 + d_q^2}, \theta_s = \tan^{-1}\left(\frac{d_q}{d_i}\right) \quad (19)$$

The **correct** equations are as follows:

$$d_n = d_{pn}\cos\theta_H\cos\theta_V$$
$$d_{pn} = d_p/d_{p,min}, d_p = \left\langle d_{p,min}, d_{p,max}\right\rangle, d_{pn} = \left\langle 1, d_{p,max}/d_{p,min}\right\rangle \quad (11)$$

$$d = \left[d_A\cos\theta_H + d_B\cos\left(\theta_H - \theta_{AB}\right)\right]\cdot\cos\theta_V$$
$$d_A \,\&\, d_B = \left\langle d_{p,min}, d_{p,max}\right\rangle \quad (12)$$

$$d = d_A\cos\theta_H + d_B\cos\left(\theta_H - 120^\circ\right) + d_C\cos\left(\theta_H + 120^\circ\right)$$
$$= d_i\cos\theta_H + d_q\sin\theta_H = d_s\cos\left(\theta_H - \theta_s\right)$$
$$d_A \,\&\, d_B \,\&\, d_C = \left\langle d_{p,min}, d_{p,max}\right\rangle, d_i = d_A - \frac{d_B + d_C}{2},$$
$$d_q = \frac{\sqrt{3}}{2}\left(d_B - d_C\right), d_s = \sqrt{d_i^2 + d_q^2}, \theta_s = \tan^{-1}\left(\frac{d_q}{d_i}\right) \quad (19)$$

The original article has been corrected.

The original article can be found online at https://doi.org/10.1007/s42452-023-05558-7.

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