Theory of grating-coupled excitation of Dyakonov surface waves (Erratum)

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[DOI: 10.1117/1.OE.60.6.069801]

This letter [*Optical Engineering*, 59(7), 070503 (2020) DOI: 10.1117/1.OE.59.7.070503] was originally published on 24 July 2020 with an error in Eq. (4).

The incorrect equation appeared as:

$$\underline{\underline{\varepsilon}}_g(x,z) = \begin{cases} \varepsilon_d \underline{\underline{I}} - (\varepsilon_d \underline{\underline{I}} - \underline{\underline{\varepsilon}}_{\mathrm{CTF}}) U[L_g - z - g(x)], & x \in [0, L_1], \\ \underline{\underline{\varepsilon}}_{\mathrm{CTF}}, & x \in [L_1, L], \end{cases}, z \in (L_c, L_c + L_g), \quad (4)$$

The corrected equation appears as:

$$\underline{\underline{\varepsilon}}_g(x,z) = \begin{cases} \varepsilon_d \underline{\underline{I}} - (\varepsilon_d \underline{\underline{I}} - \underline{\underline{\varepsilon}}_{\mathrm{CTF}}) U[L_g + L_c - z - g(x)], & x \in [0, L_1], \\ \underline{\underline{\varepsilon}}_{\mathrm{CTF}}, & x \in [L_1, L], \end{cases}, \quad z \in (L_c, L_c + L_g). \quad (4)$$

Also, in the first paragraph in Sec. 3.1, the conditions on imaginary part of α were incorrectly stated. The correct conditions are $\mathrm{Im}(\alpha) < 0$ in the CTF and $\mathrm{Im}(\alpha) > 0$ in the isotropic dielectric material.

These errors were not present in the computations and all results in the letter remain correct.

The paper was corrected on 24 June 2021.

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