Erratum

Erratum: Influence of optical absorption on the Van der Waals interaction between solids [Phys. Rev. B 19, 6049 (1979)]

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Equations (6) and (11) should read as

$$\Delta V = 2\pi R S b (A/l_0^3 + B/l_0^4),$$ (6)

$$P_{nr} = \frac{A}{d^3}, \quad A = \frac{\hbar}{8\pi^2} \int_0^\infty \frac{(\epsilon_1 - 1)(\epsilon_2 - 1)}{(\epsilon_1 + 1)(\epsilon_2 + 1)} \, d\xi.$$ (11)

In the caption of Fig. 5, line 5, it should read .... Since in our experiment $d \ll c/\omega_p$ ....

On p. 6055, left column, line 4, read... and hence $\omega_p = [4\pi e^2 N/m_{\text{eff}} \, \epsilon(0)]^{1/2}$ we write $N = J(1-R)\alpha\tau'/\hbar\omega$. Here J is the light intensity, R the reflectivity, $\epsilon(0)$ is the dielectric constant, α is the absorption coefficient, ...