# Erratum: Design of Multilayer Dielectric Mirrors Optimized for Femtosecond Laser Pulses

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We have noticed a few errata in Eqs. (17) and (19) of the thesis. Eq. (17) should read

$$\widehat{U}(z = d, t) = \frac{1}{\pi} \int_0^\infty \widehat{C}(z = 0, \omega - \omega_0) e^{-i(\omega t + \varphi(\omega))} d\omega$$

instead of

$$\widehat{U}(z = d, t) = \frac{1}{\pi} \int_0^\infty \widehat{U}(z = 0, \omega - \omega_0) e^{i(\omega t - \varphi(\omega))} d\omega$$

Eq. (19) should read

$$\widehat{U}(z = d, t) = \frac{e^{i(\omega_0 t - \varphi_0)}}{\pi} \int_0^\infty \widehat{C}(z = 0, \delta) e^{-i\delta(t + \varphi\prime)} d\omega = \frac{e^{i(\omega_0 t - \varphi_0)}}{\pi} \int_{-\omega_0}^\infty \widehat{C}(z = d, \delta) e^{i\varphi_0} e^{-i\delta t} d\delta$$

instead of

$$\widehat{U}(z = d, t) = \frac{e^{i(\omega_0 t - \varphi_0)}}{\pi} \int_0^\infty \widehat{U}(z = 0, \delta) e^{i\delta(t - \varphi\prime)} d\omega = \frac{e^{i(\omega_0 t - \varphi_0)}}{\pi} \int_{-\omega_0}^\infty \widehat{U}(z = d, \delta) d\delta$$