

## Erratum: Resonant Sum Frequency Generation with Time-Energy Entangled Photons [Phys. Rev. Lett. 102, 053602 (2009)]

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In our Letter, the variable  $t$  is missing in Eq. (3). The correct expression for  $\tilde{P}_q(t)$  is

$$\tilde{P}_q(t) = -\kappa_c \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} \Phi(\omega_1, \omega_2) a_s(\omega_1) a_i(\omega_2) \exp[-i(\omega_1 + \omega_2 - \omega_p)t] d\omega_1 d\omega_2.$$

There is also a sign error in the final form of  $\eta_c$  given in Eq. (10). The equation should read

$$\eta_c = \frac{2}{\pi} \int_{\omega_q - \pi\Delta}^{\omega_q + \pi\Delta} \frac{\gamma}{\Gamma^2 + 4(\omega - \omega_q)^2} d\omega \cong \frac{\gamma}{\Gamma} = \frac{1 - R}{(1 - R) + 2\xi}.$$

These errors occurred as part of the typesetting process and do not affect the results or plotted curves.