

## Erratum: "Matching-pursuit for simulations of quantum processes" [J. Chem. Phys. 118, 6720 (2003)]

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Equations (5), (9), and (14) in the original manuscript have typographical errors. The correct equations are

$$\text{FT}[f] \equiv (2\pi\hbar)^{-N/2} \int_{-\infty}^{\infty} d\mathbf{x}' e^{-i(\hbar)\mathbf{p}\cdot\mathbf{x}'} f(\mathbf{x}'), \quad (5)$$

$$\langle \mathbf{x} | \tilde{j} \rangle \equiv \prod_{k=1}^N \left( \frac{\gamma(k)}{\pi} \right)^{1/4} \sqrt{\frac{m}{m + i\tau\hbar\gamma(k)}} \exp \left( \frac{\left( \frac{p_j(k)}{\hbar\gamma(k)} - i(x_j(k) - x(k)) \right)^2}{\left( \frac{2}{\gamma(k)} + \frac{i2\tau\hbar}{m} \right)} - \frac{p_j(k)^2}{2\gamma(k)\hbar^2} \right), \quad (9)$$

and

$$\langle j | \epsilon_{j-1} \rangle = \langle j | \tilde{\Psi} \rangle - \sum_{k=1}^{j-1} \langle j | k \rangle \langle k | \epsilon_{k-1} \rangle, \quad (14)$$

respectively. None of these errors affect the results or the conclusions previously reported.