Erratum: Super-micron-scale atomistic simulation for electronic transport with atomic vibration: Unified approach from quantum to classical transport [Phys. Rev. B **96**, 035428 (2017)]

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There are a few typographical errors for equations in the original paper. Equation (19) in the original paper should be replaced by

$$\vec{\Psi}_{+, \epsilon_F, n}^{R_{1(2)}}(t_l) = \frac{1}{N} \sum_{m=0}^{N-1} \exp\left(i \frac{2\pi m}{N} l\right) \vec{\Phi}_{+, \epsilon_F, n}^{R_{1(2)}}(\omega_m), \quad (19)$$

where l is a discrete-time index, $N[(t - t_0)/\Delta t]$ is the number of time steps for calculating the steady-state current $j_{\epsilon, n}^{\text{out}}$ defined by Eq. (6) in the original paper, and ω_m is an angular frequency labeled by a frequency index m .

Due to Eq. (19), Eqs. (20) and (21) in the original paper also should be replaced by

$$j_{\epsilon_F, n}^{\text{out}} = \sum_{m=0}^{N-1} J_{\epsilon_F, n}(\omega_m), \quad (20)$$

$$J_{\epsilon_F, n}(\omega_m) \equiv \frac{2a}{N\hbar} \text{Im} \left[\left(\frac{1}{N} \vec{\Phi}_{+, \epsilon_F, n}^{R_2}(\omega_m) \right)^\dagger H^{R_2, R_1} \left(\frac{1}{N} \vec{\Phi}_{+, \epsilon_F, n}^{R_1}(\omega_m) \right) \right]. \quad (21)$$

Numerical data shown in the original paper have been calculated by above equations. Thus, these typographical errors do not affect the results and conclusions of the original paper.