ERRATA

Erratum: Semiclassical multichannel perturbed-stationary-state model for rearrangement atomic collisions [Phys. Rev A 51, 2199 (1995)]

Gabriel Hose

PACS number(s): 34.10.+x, 34.50.Pi, 34.70.+e, 99.10.+g

We noticed a few typing errors that are corrected below. The capture reaction products in the caption of Fig. 5(c) are $H^+ + He^+$. The second sentence in the first paragraph of Sec. VIII should be modified to read: "The fact . . . rearrangements, as many distinct sets of coupled equations can be constructed," The correct Eq. (77) for the matrix elements of the single-channel propagator G_l is

$$\begin{aligned} \langle \psi_\alpha^m | G_l(Z, b, V_l) | \psi_\beta^n \rangle = & V_l^{-1} U_\alpha \delta_{\alpha, \beta} + \sum_\omega \sum_{\lambda \geq \omega} \left[C_{\omega, \alpha}^* \delta_{\omega, \lambda} \frac{\partial C_{\lambda, \beta}}{\partial R} + C_{\omega, \alpha}^* C_{\lambda, \beta} \langle \Phi_\omega | \Gamma_l(Z, b) | \Phi_\lambda \rangle \right. \\ & \left. + C_{\lambda, \alpha}^* C_{\omega, \beta} \langle \Phi_\lambda | \Gamma_l(Z, b) | \Phi_\omega \rangle \right]. \end{aligned} \quad (77)$$

1050-2947/95/52(5)/4299(1)/\$06.00

© 1995 The American Physical Society

Erratum: Charge exchange and excitation in $H + He^{2+}$ and $He^+ + H^+$ collisions using single- and multichannel perturbed-stationary-state propagators [Phys. Rev. A 51, 2222 (1995)]

Gabriel Hose

PACS number(s): 34.10.+x, 34.50.Pi, 34.70.+e, 99.10.+g

There are typing errors in the initial conditions, Eqs. (19a) and (19b). The correct expressions are

$$a_\alpha^m(Z_0^-, b, E) = \exp[-i V_{He}^{-1} U_{1s}^{He} Z_0^-] \delta_{He, m} \delta_{1s\sigma, \alpha}, \quad (19a)$$

and

$$a_\alpha^m(Z_0^-, b, E) = \exp[-i V_H^{-1} U_{1s}^H Z_0^-] \delta_{H, m} \delta_{2p\sigma, \alpha}. \quad (19b)$$

Also, $He^{2+}(1s)$ in the captions for Figs. 4, 20, and 22 should be $He^+(1s)$. Similarly, the correct species in the fourth line from the bottom on page 2233 is $He^+(n=2)$.