No. 1-019 Studies of thermal energy and infrared ray energy equation (2025 IEEJ, Annual Conference)

List of Errata

Note; this first page indicates 22 page.

Position	Before Correction	After Correction
First page, left, 7th line from the bottom	IR_{ori} was neglected, and	(Elimination)
Second page, left, 8th to 11th lines from the bottom.	The terms ΔE_{trans} and Δt represent the change in translational energy during the increase ΔE, and time while the ion contacts with the wall, respectively.	The terms ΔE_{trans}, Δt, and ΔL represent the change in translational energy during the increase ΔE, time and length while the ion contacts with the wall, respectively.
Second page, right, Eq. (17).	$E_{trans} = E_{trans0} + \Delta E_{trans} = \frac{N_{coll} M v_{elocity}^2}{2}$ $= k_{tr} E$, $\beta_{trans} = \frac{E_{trans}}{E_{total}}$, $E_{total} = E_{total0} - f\Delta t - f_{opposite}\Delta t = E_{total0}$ (17)	$E_{trans} = E_{trans0} + \Delta E_{trans} = \frac{N_{coll} M v_{elocity}^2}{2}$, $\Delta E_{trans} = k_{tr}\Delta E$, $\beta_{trans} = \frac{\Delta E_{trans}}{\Delta E_{total}}$, $\Delta E_{total} = \Delta E_{total0} - f\Delta L - f_{opposite}\Delta L = \Delta E_{total0}$, $\Delta L = \alpha \frac{\Delta t^2}{8}$ (17)
Second page, left, 1th to 5th lines from the bottom.	where $P_r \approx \infty, V \approx 0$, and translation was absent (Fig. 4). The $P_r V$ condition of N gaseous ion in an airtight container resembled that of N constrained ions without translations because $P_r V$ remained steady.	where $P_r \approx \infty, V \approx 0$ (Fig. 4). The $P_r V$ condition of N gaseous ion in an airtight container resembled that of N constrained ions with translations because $P_r V$ remained steady.