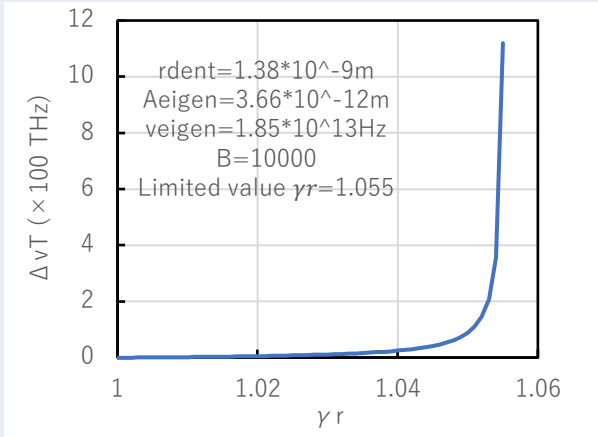
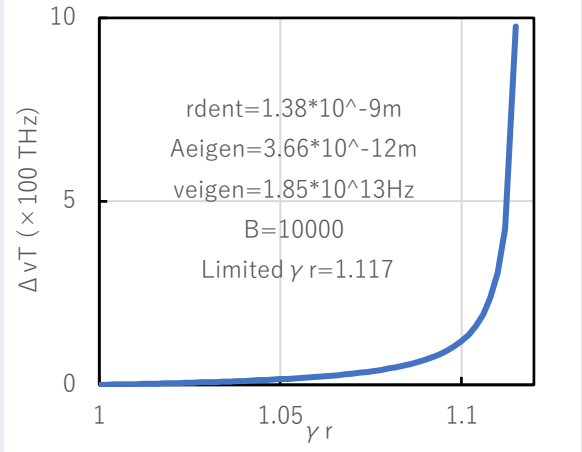


Boosted potential energy causing steady amplitude of ion vibration

by

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Position	Before Correction	After Correction
Second page, right, Eq. (10).	$\Delta E = P' \approx 12\pi^2 M Z_{eigen} v_T \Delta A_i$	$\Delta E = P' \approx 12\pi^2 M Z_{eigen} v_{eigen} \Delta A_i$
Second page, right, Eq. (12).	$\Delta v_T = \frac{X v_{eigen}}{Y A_{eigen} - X} \quad \left(\Delta A_i = \frac{X}{Y} = \frac{A_{eigen} \Delta v_T}{v_{eigen} + \Delta v_T} \right)$	$\Delta v_T = \frac{X v_{eigen}}{Y A_{eigen}} \quad \left(\Delta A_i = \frac{X}{Y} = \frac{A_{eigen} \Delta v_T}{v_{eigen}} \right)$
Second page, right, Eq. (13).	$\gamma_r _{limit} = \left(\frac{-B A_{eigen} + \sqrt{(B A_{eigen})^2 + 2 r_{dent-after} (B A_{eigen} + r_{dent-after})}}{r_{dent-after}} \right)^3$ $(Y A_{eigen} - X = 0, Z_{eigen} = v_{eigen} A_{eigen})$	$\gamma_r _{limit} = \left(\frac{r_{dent-after}}{B A_{eigen}} + 1 \right)^3 \quad (Y = 0)$
Second page, right, Fig. 8.		
Second page, right, 2 th line from the bottom.	Δv_T increased rapidly near limited value $\gamma_r _{limit}$ derived from $Y A_{eigen} = X$ (Eq. (13)).	Δv_T increased rapidly near limited value $\gamma_r _{limit}$ derived from $Y = 0$ (Eq. (13))