This pages lists all current corrections to the submitted version of my PhD thesis, "Slip boundary layer flow stability analysis and micro-plasma jet end flow modelling." Corrections of mathematical consequence, equation explanations are listed, including typos in the content which could cause confusion, and typos in the references.

Location	**Error**	**Correction**
Page 9, Eqn. 1.5	$\bar{c_j}$, $\bar{c_k}$, $\bar{c_0}$, $\bar{c_n}$, $\bar{c_N}$	c_j, c_k, c_0, c_n, c_N
Page 19, Eqn. 2.5	missed equation for G	add "$G(\eta) = e^{-\mathrm{Pr}\int_0^\eta f(\epsilon)d\epsilon}$***, where the*** f ***is the non-dimensional expression of velocity,*** g ***is the non-dimensional expression of temperature,*** K_1 ***is the slip coefficient,*** K_2 ***is the temperature jump coefficient,*** ρ ***is the fluid/gas density,*** ξ ***is the non-dimensional similarity variable,*** $g_w = 1 + r\frac{U_e^2}{2T_eC_p}$***,*** C_p ***is the specific heat at constant pressure,*** $r = 2Pr\int_0^\infty G\big(\int_0 \frac{f''^2}{G}d\psi\big)d\xi$***.***"
Page 19, Eqn. 2.6	missed equation description	add "***where*** $\eta = y\sqrt{U_e^*/2\nu^* x^*}$***,*** * ***stands for dimensional parameters, the subscript "***$_e$***" represents the properties at the BL edge,*** U_e^* ***is the edge u-velocity,*** ν^* ***is the kinematic viscosity, and*** x^* ***is the streamwise observation location.***"
Page 22, Eqn. 2.15	repeated definition of G	~~$G(\eta) = e^{-\mathrm{Pr}\int_0^\eta f(\epsilon)d\epsilon}$~~
Page 30	... instabilities may happen ...	... instabilities may ***have higher chances to appear*** ...
Page 53	The last five rows of the matrix [M] are ...	***Similarly, BCs of*** $\tilde{v}, \tilde{p}, \tilde{T}, \tilde{w}$ ***are in the next four rows in matrix [***M***]. At the free stream,*** the last five rows of the matrix $[M]$ are ...
Page 54	$\tilde{N}$	$[N]$
	i.e., $\hat{u}(e) = \hat{v}(e) = \hat{T}(e) = \hat{w}(e) = 0$.	i.e., $\hat{u}(\infty) = \hat{v}(\infty) = \hat{T}(\infty) = \hat{w}(\infty) = 0$.

Continued

Location	Error	Correction
Page 76	$\Omega = [1.75, 2.12]$, and $\Omega = [1.50, 2.18]$	$\Omega \in [1.75, 2.12]$, and $\Omega \in [1.50, 2.18]$
Page 78	For micro-plasmas adopted in space propulsion ...	For ***many plasma plume flows from Electric Propulsion (EP) devices*** ...
Page 84	...second problem of a quasi-neutral and collisionless jet ...	... second problem of a ***dilute micro-plasma jet*** ...
Page 90	$\nabla(n_e k T_e) = e\nabla\phi$	$\nabla(n_e k T_e) = en_e\nabla\phi$.
	... as well to compute temperature field,	... as well to compute ***electron*** temperature field,
	Method A. The potential and temperature ...	Method A. The potential and ***electron*** temperature ...
Page 93	... and chain rule for derivations, ...	... and chain rule ***partial derivatives***, ...
Page 103	... adopted as for granted (e.g., [117]).	... adopted as for granted (e.g.,***the Simons plume model*** [117]).
Page 108	... is almost the same as $E_x\alpha_0$,	... is almost the same as $E_x(\alpha_0)$,
	... at large $alpha_0$ is very strong	... at large α_0 is very strong
Page 123, [4]	pp. 115, 2018	***vol. 57, no. 4,pp. 1552 −1565***, 2018
Page 123, [8]	freeman scholar lecture	***F***reeman ***S***cholar ***L***ecture
Page 137, [101]	... of a gaussian plasma ...	... of a ***G***aussian plasma ...
Page 139, [112]	... taylor cone-jet ...	... ***T***aylor cone-jet ...