Introduction to Sustainable Energy Transformation, 1st Edition, 2022

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Place in Book	Is	Should be	Reported by
P. 111, Eq. 7.76	$\frac{q_a}{\overline{T}_a} - \frac{q_a}{\overline{T}_e} - \frac{q_{loss}}{\overline{T}_e} + \frac{N_e}{\overline{T}_e}\left(\frac{dS}{dt}\right)_{loss} + \left(\frac{dS}{dt}\right)_{gen} = 0$	$\frac{q_a}{\overline{T}_a} - \frac{q_a}{\overline{T}_e} - \frac{q_{loss}}{\overline{T}_e} + \frac{N_e}{\overline{T}_e} + \left(\frac{dS}{dt}\right)_{loss} + \left(\frac{dS}{dt}\right)_{gen} = 0$	Zakarie Bruyr
P. 135, Eq. 8.83	$\frac{1}{\pi R^2}\int_0^R w(r) 2\pi dr$	$\frac{1}{\pi R^2}\int_0^R w(r) 2\pi r dr$	Nicolas Gueritat
P. 147, Eq. 8.143	$pA + \rho_m U_m U_m A - (p+dp)A - \left[\rho_m U_m U_m A + d(\rho_m U_m U_m A)\right] A = 0$	$pA + \rho_m U_m U_m A - (p+dp)A - \left[\rho_m U_m U_m + d(\rho_m U_m U_m)\right] A = 0$	Zakarie Bruyr
P. 158, Eq. 9.21	$\lambda \left.\frac{dT}{dx}\right\|_{x=L} = h_2\left(T_{2\infty} - T_{2s}\right) = q''$	$-\lambda \left.\frac{dT}{dx}\right\|_{x=L} = h_2\left(T_{2s} - T_{2\infty}\right) = q''$	Zakarie Bruyr
P. 164, Eq. 9.59	$= 2\pi A \int_0^{r_0} I_0(kr) dr$	$= 2\pi A \int_0^{r_0} r I_0(kr) dr$	Nicolas Gueritat
P. 167, Eq. 9.86	$q'' = -\lambda\left(\frac{dT}{dr}\right)_{r=R} = \frac{\lambda U R}{2a}\frac{dT_m}{dz}$	$q'' = \lambda\left(\frac{dT}{dr}\right)_{r=R} = \frac{\lambda U R}{2a}\frac{dT_m}{dz}$	Nicolas Gueritat
P. 170, row 6 fr. top	… and all $\partial^2/\partial y^2$ terms …	… and all $\partial^2/\partial x^2$ terms …	Nicolas Gueritat
P. 171, Eq. 9.109	ΔT is used that is not defined and could be confused with ΔT appearing in Eq. 9.106	After the equation it should be added; … where $\Delta T = T_w - T_\infty$.	Nicolas Gueritat
Row 5 below Eq. 15.83	… $y_{z\to k}$ – probability that a neutron capture in nuclide *z* produces …	… $\gamma_{z\to k}$ – probability that a neutron capture in nuclide *z* produces …	Nicolas Gueritat
Row 4 below Eq. 15.106	… $\mathrm{W}\cdot\mathrm{m}^{-3}\cdot\mathrm{s}^{-1}$ …	… $\mathrm{W}\cdot\mathrm{m}^{-3}$ …	Nicolas Gueritat

P. 268, row 4 fr. top	… and ^{234}U (0.0.006%).	… and ^{234}U (0.006%).	
P. 248, Eq. 14.39	$\eta_{coll,max} = \frac{N_{max}}{N_{tot}} = \frac{E_g}{k_B T} \frac{\int_{E_g}^{\infty} \frac{E^2}{e^{E/k_BT}-1} dE}{\int_0^{\infty} \frac{E^3}{e^{E/k_BT}-1} dE}$	$\eta_{coll,max} = \frac{N_{max}}{N_{tot}} = E_g \frac{\int_{E_g}^{\infty} \frac{E^2}{e^{E/k_BT}-1} dE}{\int_0^{\infty} \frac{E^3}{e^{E/k_BT}-1} dE}$	Nicolas Gueritat
p. 241, below Eq. 14.11	where *ET* is expressed in hours …	Where *ET* is expressed in minutes …	Stanislas Raguin