Raccolta di esercizi per Termodinamica
Errata corrige II edizione

Pagina	Errata	Corretta
	Revisione C	
141, ultima formula	$\eta_C = 1 + \frac{T_{min}}{T_{max}} = 1 + \frac{T_3}{T_1} = 40\ \%$	$\eta_C = 1 - \frac{T_{min}}{T_{max}} = 1 - \frac{T_3}{T_1} = 40\ \%$
	Revisione A	
29, ultima formula	$\ldots = \frac{\rho_{Lego} x^3 - \rho_{alcool} x^3 \Delta z}{\rho_{acqua}} = \ldots$	$\ldots = \frac{\rho_{Lego} x^3 - \rho_{alcool} x^2 \Delta z}{\rho_{acqua}} = \ldots$
33, II e IV riga	dm^3	m^3
100, penultima formula	$\left[n\left(c_V + R\right) + mc\right] T_f = p_e V_e + n c_V T_e$	$\left[n\left(c_V + R\right) + mc\right] T_f = p_e V_e + \left(n c_V + mc\right) T_e$
111, ultime formule	$p_0^{\gamma} T_0^{1-\gamma} = p_3^{\gamma} T_3^{1-\gamma}$ $T_3 = T_0 \left(\frac{p_0}{p_3}\right)^{\frac{\gamma}{1-\gamma}} = T_0 \left(\frac{p_3}{p_0}\right)^{\frac{\gamma}{\gamma-1}} = T_0 \left(\frac{1}{2}\right)^{3.5}$ $V_3 = \frac{nRT_3}{p_3} = 2\frac{nRT_0}{p_0}\left(\frac{1}{2}\right)^{3.5} = \left(\frac{1}{2}\right)^{2.5} V_0$	$p_0^{1-\gamma} T_0^{\gamma} = p_3^{1-\gamma} T_3^{\gamma}$ $T_3 = T_0 \left(\frac{p_0}{p_3}\right)^{\frac{1-\gamma}{\gamma}} = T_0 \left(\frac{p_3}{p_0}\right)^{\frac{\gamma-1}{\gamma}} = T_0 \left(\frac{1}{2}\right)^{0.286}$ $V_3 = \frac{nRT_3}{p_3} = 2\frac{nRT_0}{p_0} 0.820 = 1.64 \cdot V_0$
112, I formula	$\Delta U_3 = n\frac{5}{2} R\left(T_3 - T_0\right) =$ $= \frac{5}{2} nRT_0 \left(\left(\frac{1}{2}\right)^{3.5} - 1\right) = -2.28 \cdot nRT_0$	$\Delta U_3 = n\frac{5}{2} R\left(T_3 - T_0\right) =$ $= \frac{5}{2} nRT_0 \left(0.820 - 1\right) = -0.45 \cdot nRT_0$
112, in tabella	$0.0884 \cdot T_0$ $37.9 \cdot T_0$	$0.820 \cdot T_0$ $7.48 \cdot T_0$
112, formule seguenti	$W_{max} = W_3 = nc_V \left(T_0 - T_3\right) = 37.9 \cdot T_0$ $E_1 = W_{max} - W_1 = W_{max} = 37.9 \cdot T_0$ $E_2 = W_{max} - W_2 = 31.96 \cdot T_0$	$W_{max} = W_3 = nc_V \left(T_0 - T_3\right) = 7.48 \cdot T_0$ $E_1 = W_{max} - W_1 = W_{max} = 7.48 \cdot T_0$ $E_2 = W_{max} - W_2 = 1.54 \cdot T_0$
151, ultima formula	$\eta = 1 + \frac{Q_{BC}}{Q_{AB}} = \ldots$	$\eta = 1 + \frac{Q_{BC}}{Q_{CA}} = \ldots$