Übersicht der Formeln und Einheiten

Mengen. Gr. X	Potenzial ξ	Stromst. $I\_X = \Delta\xi / R_X$	Kapazität $C_X = X/\xi$	Widerstand $R_X = \xi/I_X$
Q in As	φ in V	$I = \Delta\varphi / R$	$C = Q/U$	$R = U/I = U^2/P = P/I^2$
p in Hy	v in m/s	$F = \Delta v / R_p$	$C_p = p/v = m$	$R_p = v/F = v^2/P = P/F^2$
S in Ct	T in K	$I\_S = \Delta T / R_S$	$C_S = S/T$	$R_S = T/I_S = T^2/P = P/I_S^2$
L in J*s	ω in 1/s	$M = \Delta\omega / R_L$	$C_L = L/\omega = J$	$R_L = \omega/M = \omega^2/P = P/M^2$

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Q	φ	$I = \Delta\varphi / R$	$C = Q/U$
p	v	$F = \Delta v / R_p$	$C_p = p/v = m$
S	T	$I\_S = \Delta T / R_S$	$C_S = S/T$
L	ω	$M = \Delta\omega / R_L$	$C_L = L/\omega = J$

Hy = kg*m/s, Ct = J/K

Formeln zum Drehimpuls

$L = m * r^2 * \omega$

$L = J * \omega$ (p = m * v)

$J = L/\omega = m * r^2$

$M = \Delta L/\Delta t$ (F = $\Delta p/\Delta t$)

$P = \omega * M$ (P = v * F)