$\delta X = X - X_0$	$X_0 \in \langle X - \Delta X, X + \Delta X \rangle$	$\bar{T} = \frac{T_1 + T_2 + T_3 + \ldots\ldots + T_n}{n}$

$s_T = \sqrt{\frac{(T_1 - \bar{T})^2 + (T_2 - \bar{T})^2 + \cdots + (T_n - \bar{T})^2}{n - 1}}$	$s_{\bar{T}} = \frac{s_T}{\sqrt{n}}$	$\Delta T = 3 \cdot s_{\bar{T}}$

$F = const \cdot A^a \cdot B^b \cdot C^c \cdot \ldots$	$\Delta F = \pm F \cdot \left[\left\lvert a \cdot \frac{\Delta A}{A} \right\rvert + \left\lvert b \cdot \frac{\Delta B}{B} \right\rvert + \left\lvert c \cdot \frac{\Delta C}{C} \right\rvert + \cdots \right]$	$F = A \pm B \Rightarrow \Delta F = \Delta A + \Delta B$

$Me \rightleftharpoons Me^{z+} + z \cdot e^-$	$\Delta V_e = V_e - V_r = \Delta V_0 + \left(\frac{R \cdot T}{z \cdot F}\right) \cdot \ln(c_j)$	$\Delta V_d = V_2 - V_1 = \left(\frac{u^+ - u^-}{u^+ + u^-}\right) \cdot \left(\frac{R \cdot T}{z \cdot F}\right) \cdot \ln\left(\frac{c_1}{c_2}\right)$

$u = \frac{v}{E}$	$E = \Delta V_{e1} - \Delta V_{e2}$	$E = \left(\frac{R \cdot T}{z \cdot F}\right) \cdot \ln\left(\frac{c_1}{c_2}\right)$

$E = \Delta V_e - \Delta V_{kal}$	$W = q \cdot U$	$I = \frac{1}{R} \cdot U$	$R = \rho \cdot \frac{l}{S}$

$J = \frac{I}{S}$	$J \cdot \Delta t = \frac{I \cdot \Delta t}{S} = \frac{\Delta Q}{S}$	$I_p = (CH \cdot R) \cdot \frac{1}{\Delta t} + R$

$F = \eta \cdot S \cdot \frac{\Delta v}{\Delta x}$	$\eta_{wł} = \frac{\eta}{\eta_0} - 1$	$[\eta] = \lim_{c \to 0}\left(\frac{\eta_{wł}}{c}\right)$	$\Delta V = \frac{\pi \cdot r^4 \cdot \Delta t}{8 \cdot l \cdot \eta} \cdot \Delta p$
$R = 6 \cdot \pi \cdot r \cdot v \cdot \eta$	$\eta = \frac{2 \cdot r^2 \cdot g \cdot (\rho - \rho_c)}{9 \cdot v}$	$\frac{\eta}{\eta_0} = \frac{t}{t_0} \cdot \frac{\rho}{\rho_0}$	$\Phi = \frac{V_c}{V_r}$
$\frac{\eta}{\eta_0} = 1 + 2{,}5 \cdot \Phi$	$[\eta] = 2{,}5 \cdot \frac{N_A}{M} \cdot v_{cz}$	$r = \sqrt[3]{\frac{3 \cdot M}{10 \cdot \pi \cdot N_A} \cdot [\eta]}$	$\frac{\rho}{\rho_0} = 1 + 0{,}23 \cdot c$

$\frac{\mathrm{d}n}{\mathrm{d}t} = -D \cdot S \cdot \frac{\mathrm{d}c}{\mathrm{d}x}$	$D = \frac{k \cdot T}{6 \cdot \pi \cdot r \cdot \eta}$	$\overline{\Delta x^2} = 2 \cdot D \cdot t$	$P = \frac{D}{\mathrm{d}x}$
$\frac{\mathrm{d}n}{\mathrm{d}t} = P \cdot S \cdot (c_1 - c_2)$	$c_2 = \frac{c_0}{2} \cdot (1 - e^{-C \cdot D \cdot t})$	$C = \frac{2 \cdot A}{V \cdot \mathrm{d}x}$	$\ln\left(\frac{c_0}{c_0 - 2 \cdot c_2}\right) = C \cdot D \cdot t$

$\frac{c_0}{2} = c_0 \cdot \mathrm{e}^{-\kappa \cdot t_{1/2}}$	$c = c_0 \cdot \mathrm{e}^{-\kappa \cdot t}$	$\kappa = \frac{\ln(2)}{t_{1/2}} \approx \frac{0{,}693}{t_{1/2}}$	$\pi = f \cdot c_m \cdot R \cdot T$

$E = E_{el} + E_{osc} + E_{rot}$	$h \cdot \nu = E_2 - E_1 = \Delta E_{el} + \Delta E_{osc} + \Delta E_{rot}$	$P = P_0 \cdot e^{-k \cdot d}$	$k = a_\lambda \cdot c$
$P = P_0 \cdot \mathrm{e}^{-a_\lambda \cdot c \cdot d}$	$\tau = \frac{P}{P_0}$	$\tau = \mathrm{e}^{-a_\lambda \cdot c \cdot d}$	$A = -\log(\tau)$
$A = \varepsilon_\lambda \cdot c \cdot d$	$\varepsilon_\lambda = a_\lambda \cdot \log(\mathrm{e})$	$\mathrm{SpO}_2 = \frac{oksyHb}{deoksyHb + oksyHb} \cdot 100\%$	

$n = \mathrm{tg}(\varphi)$	$I = I_0 \cdot \cos^2(\beta)$	$\alpha = [\alpha]_\lambda \cdot c \cdot l$

$W = \sigma \cdot \Delta S$	$\sigma = \frac{F}{l}$	$\Delta p = \frac{2 \cdot \sigma}{R}$	$\frac{\sigma}{\sigma_0} = \frac{n_0 \cdot \rho}{n \cdot \rho_0}$	$\sigma = \frac{r \cdot h \cdot \rho \cdot g}{2 \cdot \cos(\alpha)}$	$\sigma = \frac{\rho \cdot V \cdot g}{2 \cdot \pi \cdot r \cdot n}$

$\sigma_p = \frac{F}{l}$	$\sigma_p = \sigma_0 - \sigma$	$\sigma_p \cdot S_w = n_{cz} \cdot k_B \cdot T$	$S_w = n_{cz} \cdot s_0$
$V_w = \frac{c \cdot V_k}{\rho}$	$s_{cz} = \frac{S_w}{n_{cz}} = \frac{S_w \cdot M}{c \cdot V_k \cdot N_A}$	$d_{cz} = \sqrt{\frac{4 \cdot s_{cz}}{\pi}}$	$l_{cz} = \frac{c \cdot V_k}{\rho \cdot S_w}$

Przedrostek	giga	mega	kilo	hekto	deka	decy	centy	mili	mikro	nano	piko
Symbol	G	M	k	h	da	d	c	m	µ	n	p
Mnożnik	10^9	10^6	10^3	10^2	10^1	10^{-1}	10^{-2}	10^{-3}	10^{-6}	10^{-9}	10^{-12}