

Equations and other things

Markus Pawellek

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$$\alpha, \beta, \gamma, \delta, \epsilon, \phi, \theta, \mu, \nu, \sigma, \xi, \chi, \omega, \kappa, \lambda,$$

$$\Gamma, \Delta, \Phi, \Omega, \Theta, \Sigma, \Lambda$$

$$\vartheta, \varrho, \varphi, \varepsilon$$

$$\alpha_{ij}^{24}, \xi_{p^2}^{\alpha_{ij}}$$

$$A^p{}_q, {}^a{}_bB^p{}_q$$

$${}^{12}_4C$$

$$E=mc^2$$

$$I=\sigma T^4$$

$$X_{ij}=\sum_{k=1}^Nm_{ik}n_{kj}, A=\prod_{i=1}^nk_i$$

$$T_{real}=T_{sensor}\cdot(1+\alpha_{correct})$$

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$$T_{\mathrm{env}}=31.3^{\circ}\mathrm{C}$$

$$\frac{a}{b}$$

$$\int_x^y f(x)\,\mathrm{d}x$$

$$(a+b)$$

$$\left(\frac{a}{b}+c\right)$$

$$\left[\frac{a}{b}+c\right]$$

$$\left\{\frac{a}{b}+c\right\}$$

$$E_{\mathrm{kin}}=\frac{1}{2}mv^2=\frac{m}{2}v^2$$

$$E_{\mathrm{tot}} = E_{\mathrm{kin}} + E_{\mathrm{pot}}$$

$$E_{\mathrm{pot}}=\int_{x_1}^{x_2}F(s)\,\mathrm{d} s$$

$$e^{i\varphi}=\cos\varphi+i\sin\varphi$$

$$(a_{ij})_{i,j}=\left(\sum_{k=1}^nb_{ik}c_{kj}\right)_{i,j}$$

$$\sum_{k=1}^n k = \frac{n(n+1)}{2}$$

$$\det(A)=\sum_{\sigma\in S_n}\operatorname{sgn}(\sigma)\prod_{k=1}^na_{k\sigma(k)}$$

$$\cos\alpha=\frac{\langle v_1,v_2\rangle}{\|v_1\|\cdot\|v_2\|}=\frac{v_1\circ v_2}{|v_1|\cdot|v_2|}$$

$$\frac{\mathrm{d}}{\mathrm{d} x}f(x)=\frac{\mathrm{d} f(x)}{\mathrm{d} x}=\lim_{h\rightarrow 0}\frac{f(x+h)-f(x)}{h}=f'(x)$$

$$\begin{array}{c} a\;b \\ \\ \end{array}$$

$$\begin{array}{cc} a & b \\ \end{array}$$

$$\begin{array}{ccc} a & & b \\ \end{array}$$

$$\begin{array}{c} ab \\ \\ \end{array}$$