Gleichungen

$y = m \cdot x + b$

$y = m \cdot x + b$

$y = m \cdot x + b$

$y = m \cdot x + b$

$x^2 = y^2 + z^2$

$x^2 = y^2 + z^2$

$x^2 = y^2 + z^2$

$x^2 = y^2 + z^2$

$E = m \cdot c^2$

$E = m \cdot c^2$

$E = m \cdot c^2$

$E = m \cdot c^2$

$3w = \frac{1}{2}z$

$3w = \frac{1}{2}z$

$3w = \frac{1}{2}z$

$3w = \frac{1}{2}z$

$3x + 9y = -12$

$3x + 9y = -12$

$3x + 9y = -12$

$3x + 9y = -12$

$e^{\pi i} + 1 = 0$

$e^{\pi i} + 1 = 0$ $\prod_{i=1}^{n}$

$e^{\pi i} + 1 = 0$

$e^{\pi i} + 1 = 0$

$p(x) = 3x^6 + 14x^5y + 590x^4y^2 + 19x^3y^3 - 12x^2y^4 - 12xy^5 + 2y^6 - a^3b^3$

$p(x) = 3x^6 + 14x^5y + 590x^4y^2 + 19x^3y^3 - 12x^2y^4 - 12xy^5 + 2y^6 - a^3b^3$

$p(x) = 3x^6 + 14x^5y + 590x^4y^2 + 19x^3y^3 - 12x^2y^4 - 12xy^5 + 2y^6 - a^3b^3$

$p(x) = 3x^6 + 14x^5y + 590x^4y^2 + 19x^3y^3 - 12x^2y^4 - 12xy^5 + 2y^6 - a^3b^3$

$\sum_{i=1}^{\infty} \frac{1}{n^s} = \prod_p \frac{1}{1-p^{-s}}$

$(a^n)^{r+s} = a^{nr+ns}$

$A = \frac{\pi r^2}{2} = \frac{1}{2}\pi r^2$

$A = \frac{\pi r^2}{2} = \frac{1}{2}\pi r^2$

$A = \frac{\pi r^2}{2} = \frac{1}{2}\pi r^2$

$A = \frac{\pi r^2}{2} = \frac{1}{2}\pi r^2$

$3x^2 + 9y = 3a + c$

$3x^2 + 9y = 3a + c$

$3x^2 + 9y = 3a + c$

$3x^2 + 9y = 3a + c$

$2x - 5y = 8$

$2x - 5y = 8$

$2x - 5y = 8$

$2x - 5y = 8$

Matrices

$\begin{vmatrix} 1 & 2 & 3 \\ a & b & c \end{vmatrix}$ $\begin{vmatrix} 1 & 2 & 3 \\ a & b & c \end{vmatrix}$ $\begin{vmatrix} 1 & 2 & 3 \\ a & b & c \end{vmatrix}$ $\begin{vmatrix} 1 & 2 & 3 \\ a & b & c \end{vmatrix}$

$\begin{Bmatrix} 1 & 2 & 3 \\ a & b & c \end{Bmatrix}$ $\begin{Bmatrix} 1 & 2 & 3 \\ a & b & c \end{Bmatrix}$ $\begin{Bmatrix} 1 & 2 & 3 \\ a & b & c \end{Bmatrix}$ $\begin{Bmatrix} 1 & 2 & 3 \\ a & b & c \end{Bmatrix}$

$\begin{Vmatrix} 1 & 2 & 3 \\ a & b & c \end{Vmatrix}$ $\begin{Vmatrix} 1 & 2 & 3 \\ a & b & c \end{Vmatrix}$ $\begin{Vmatrix} 1 & 2 & 3 \\ a & b & c \end{Vmatrix}$ $\begin{Vmatrix} 1 & 2 & 3 \\ a & b & c \end{Vmatrix}$

$\begin{bmatrix} 1 & 2 & 3 \\ a & b & c \end{bmatrix}$ $\begin{bmatrix} 1 & 2 & 3 \\ a & b & c \end{bmatrix}$ $\begin{bmatrix} 1 & 2 & 3 \\ a & b & c \end{bmatrix}$ $\begin{bmatrix} 1 & 2 & 3 \\ a & b & c \end{bmatrix}$

$\begin{pmatrix} 1 & 2 & 3 \\ a & b & c \end{pmatrix}$ $\begin{pmatrix} 1 & 2 & 3 \\ a & b & c \end{pmatrix}$ $\begin{pmatrix} 1 & 2 & 3 \\ a & b & c \end{pmatrix}$ $\begin{pmatrix} 1 & 2 & 3 \\ a & b & c \end{pmatrix}$

$\begin{matrix} 1 & 2 & 3 \\ a & b & c \end{matrix}$ $\begin{matrix} 1 & 2 & 3 \\ a & b & c \end{matrix}$ $\begin{matrix} 1 & 2 & 3 \\ a & b & c \end{matrix}$ $\begin{matrix} 1 & 2 & 3 \\ a & b & c \end{matrix}$

Brackets and parentheses

$\overline{\underbrace{a+c}_{n}+\underbrace{b+d}_{m}}$ $\overline{\underbrace{a+c}_{n}+\underbrace{b+d}_{m}}$ $\overline{\underbrace{a+c}_{n}+\underbrace{b+d}_{m}}$ $\overline{\underbrace{a+c}_{n}+\underbrace{b+d}_{m}}$

$\overbrace{\underline{a+c}+\underline{b+d}}^{n\vee m}$ $\overbrace{\underline{a+c}+\underline{b+d}}^{n\vee m}$ $\overbrace{\underline{a+c}+\underline{b+d}}^{n\vee m}$ $\overbrace{\underline{a+c}+\underline{b+d}}^{n\vee m}$

$(x+y)$ $\{x+y\}$ $\|x+y\|$ $|x+y|$ $[x+y]$ $\langle x+y\rangle$

$\big(x+y\big)$ $\big\{x+y\big\}$ $\big\|x+y\big\|$ $\big|x+y\big|$ $\big[x+y\big]$ $\big\langle x+y\big\rangle$

$\Big(x+y\Big)$ $\Big\{x+y\Big\}$ $\Big\|x+y\Big\|$ $\Big|x+y\Big|$ $\Big[x+y\Big]$ $\Big\langle x+y\Big\rangle$

$\bigg(x+y\bigg)$ $\bigg\{x+y\bigg\}$ $\bigg\|x+y\bigg\|$ $\bigg|x+y\bigg|$ $\bigg[x+y\bigg]$ $\bigg\langle x+y\bigg\rangle$

Brüche und Binomiale

$\binom{n}{k} = \frac{n!}{k!(n-k)!}$

$\binom{n}{k} = \frac{n!}{k!(n-k)!}$

$\binom{n}{k} = \frac{n!}{k!(n-k)!}$

$\binom{n}{k} = \frac{n!}{k!(n-k)!}$

$f(x) = \frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5} + \frac{1}{6}$

$f(x) = \frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5} + \frac{1}{6}$

$f(x) = \frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5} + \frac{1}{6}$

$f(x) = \frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5} + \frac{1}{6}$

Hochgestellte Zahlen und Indizes

$a_1^2 + a_2^2 = a_3^2$	$\cap_{i=1}^n$	$\cup_{i=1}^n$	$\coprod_{i=1}^n$	
$a_1^2 + a_2^2 = a_3^2$	$\cap_{i=1}^n$	$\cup_{i=1}^n$	$\coprod_{i=1}^n$	$\prod_{i=1}^n$
$a_1^2 + a_2^2 = a_3^2$	$\cap_{i=1}^n$	$\cup_{i=1}^n$	$\coprod_{i=1}^n$	$\prod_{i=1}^n$
$a_1^2 + a_2^2 = a_3^2$	$\cap_{i=1}^n$	$\cup_{i=1}^n$	$\coprod_{i=1}^n$	$\prod_{i=1}^n$

$(a^n)^{r+s} = a^{nr+ns}$

$(a^n)^{r+s} = a^{nr+ns}$

$(a^n)^{r+s} = a^{nr+ns}$

$\oint_{i=1}^n$

$\oint_{i=1}^n$

$\oint_{i=1}^n$

$\oint_{i=1}^n$

$\int\limits_0^1 x^2 + y^2 \; dx$

$\int\limits_0^1 x^2 + y^2 \; dx$

$\int\limits_0^1 x^2 + y^2 \; dx$

$\int\limits_0^1 x^2 + y^2 \; dx$

$\sum_{i=1}^\infty \frac{1}{n^s} = \prod_p \frac{1}{1-p^{-s}}$

$\sum_{i=1}^\infty \frac{1}{n^s} = \prod_p \frac{1}{1-p^{-s}}$

$\sum_{i=1}^\infty \frac{1}{n^s} = \prod_p \frac{1}{1-p^{-s}}$

$x^{2\alpha} - 1 = y_{ij} + y_{ij}$

$x^{2\alpha} - 1 = y_{ij} + y_{ij}$

$x^{2\alpha} - 1 = y_{ij} + y_{ij}$

$x^{2\alpha} - 1 = y_{ij} + y_{ij}$

Symbole

$\pm \mp \times \div \cdot \ast \star \dagger \ddagger \amalg \cap \cup \uplus \sqcap \sqcup \vee \wedge \setminus \wr \circ \bullet \diamond \lhd \rhd \unlhd$

$\pm \mp \times \div \cdot \ast \star \dagger \ddagger \amalg \cap \cup \uplus \sqcap \sqcup \vee \wedge \setminus \wr \circ \bullet \diamond \lhd \rhd \unlhd$

$\pm \mp \times \div \cdot \ast \star \dagger \ddagger \amalg \cap \cup \uplus \sqcap \sqcup \vee \wedge \setminus \wr \circ \bullet \diamond \lhd \rhd \unlhd$

$\pm \mp \times \div \cdot \ast \star \dagger \ddagger \amalg \cap \cup \uplus \sqcap \sqcup \vee \wedge \setminus \wr \circ \bullet \diamond \lhd \rhd \unlhd$

$\oslash \odot \bigcirc \Box \Diamond \bigtriangleup \bigtriangledown \triangleleft \triangleright \oplus \ominus \otimes$

$\oslash \odot \bigcirc \Box \Diamond \bigtriangleup \bigtriangledown \triangleleft \triangleright \oplus \ominus \otimes$

$\oslash \odot \bigcirc \Box \Diamond \bigtriangleup \bigtriangledown \triangleleft \triangleright \oplus \ominus \otimes$

$\oslash \odot \bigcirc \Box \Diamond \bigtriangleup \bigtriangledown \triangleleft \triangleright \oplus \ominus \otimes$

$\cong \equiv \propto \prec \preceq \parallel \sim \simeq \asymp \smile \frown \bowtie \succ \succeq \mid \mid \xrightarrow{x}$

$\cong \equiv \propto \prec \preceq \parallel \sim \simeq \asymp \smile \frown \bowtie \succ \succeq \mid \mid \xrightarrow{x}$

$\cong \equiv \propto \prec \preceq \parallel \sim \simeq \asymp \smile \frown \bowtie \succ \succeq \mid \mid \xrightarrow{x}$

$\cong \equiv \propto \prec \preceq \parallel \sim \simeq \asymp \smile \frown \bowtie \succ \succeq \mid \mid \xrightarrow{x}$

$\leq \le \ll \subset \subseteq \sqsubset \sqsubseteq \in \vdash \models \geq \ge \gg \supset \supseteq \sqsupset \sqsubseteq \ni \dashv \perp \neq \doteq \approx$

$\leq \le \ll \subset \subseteq \sqsubset \sqsubseteq \in \vdash \models \geq \ge \gg \supset \supseteq \sqsupset \sqsubseteq \ni \dashv \perp \neq \doteq \approx$

$\leq \le \ll \subset \subseteq \sqsubset \sqsubseteq \in \vdash \models \geq \ge \gg \supset \supseteq \sqsupset \sqsubseteq \ni \dashv \perp \neq \doteq \approx$

$\leq \le \ll \subset \subseteq \sqsubset \sqsubseteq \in \vdash \models \geq \ge \gg \supset \supseteq \sqsupset \sqsubseteq \ni \dashv \perp \neq \doteq \approx$

$\not< \not\leq \not\leqslant \not\ll \not\subset \not\subseteq \not\sqsubset \not\sqsubseteq \not\in \notin \not\vdash \not\models \not\geq \not\geqslant \not\gg \not\supset \not\supseteq$

$\not< \not\leq \not\leqslant \not\ll \not\subset \not\subseteq \not\sqsubset \not\sqsubseteq \not\in \notin \not\vdash \not\models \not\geq \not\geqslant \not\gg \not\supset \not\supseteq$

$\not< \not\leq \not\leqslant \not\ll \not\subset \not\subseteq \not\sqsubset \not\sqsubseteq \not\in \notin \not\vdash \not\models \not\geq \not\geqslant \not\gg \not\supset \not\supseteq$

$\not< \not\leq \not\leqslant \not\ll \not\subset \not\subseteq \not\sqsubset \not\sqsubseteq \not\in \notin \not\vdash \not\models \not\geq \not\geqslant \not\gg \not\supset \not\supseteq$

$\not\sqsupset \not\sqsubseteq \not\ni \not\mid \not\perp \neq \not\doteq \not\approx \not\cong \not\equiv \not\propto \not\prec \not\preceq \not\parallel \not\sim \not\simeq$

$\not\sqsupset \not\sqsubseteq \not\ni \not\mid \not\perp \neq \not\doteq \not\approx \not\cong \not\equiv \not\propto \not\prec \not\preceq \not\parallel \not\sim \not\simeq$

$\not\sqsupset \not\sqsubseteq \not\ni \not\mid \not\perp \neq \not\doteq \not\approx \not\cong \not\equiv \not\propto \not\prec \not\preceq \not\parallel \not\sim \not\simeq$

$\not\sqsupset \not\sqsubseteq \not\ni \not\mid \not\perp \neq \not\doteq \not\approx \not\cong \not\equiv \not\propto \not\prec \not\preceq \not\parallel \not\sim \not\simeq$

$\forall\exists\neg\flat\natural\sharp\|\angle\backslash\clubsuit\diamondsuit\heartsuit\spadesuit \bowtie \infty$

$\forall\exists\neg\flat\natural\sharp\|\angle\backslash\clubsuit\diamondsuit\heartsuit\spadesuit \bowtie \infty$

$\forall\exists\neg\flat\natural\sharp\|\angle\backslash\clubsuit\diamondsuit\heartsuit\spadesuit \bowtie \infty$

$\forall\exists\neg\flat\natural\sharp\|\angle\backslash\clubsuit\diamondsuit\heartsuit\spadesuit \bowtie$

$\aleph\hbar\imath\jmath\ell\wp\Re\Im\mho/\emptyset\nabla\surd\partial\top\bot$

$\aleph\hbar\imath\jmath\ell\wp\Re\Im\mho/\emptyset\nabla\surd\partial\top\bot$

$\aleph\hbar\imath\jmath\ell\wp\Re\Im\mho/\emptyset\nabla\surd\partial\top\bot$

$\aleph\hbar\imath\jmath\ell\wp\Re\Im\mho/\emptyset\nabla\surd\partial\top\bot$

$\hat{a}\check{a}\breve{a}\acute{a}\grave{a}\tilde{a}\bar{a}\vec{a}\dot{a}\ddot{a}\widetilde{xyz}\widehat{xyz}$

$\hat{a}\check{a}\breve{a}\acute{a}\grave{a}\tilde{a}\bar{a}\vec{a}\dot{a}\ddot{a}\widetilde{xyz}\widehat{xyz}$

$\hat{a}\check{a}\breve{a}\acute{a}\grave{a}\tilde{a}\bar{a}\vec{a}\dot{a}\ddot{a}\widetilde{xyz}\widehat{xyz}$

$\hat{a}\check{a}\breve{a}\acute{a}\grave{a}\tilde{a}\bar{a}\vec{a}\dot{a}\ddot{a}\widetilde{xyz}\widehat{xyz}$

$\alpha\beta\gamma\delta\epsilon\varepsilon\zeta\eta\theta\vartheta\iota\kappa\lambda\mu\nu\xi$

$\alpha\beta\gamma\delta\epsilon\varepsilon\zeta\eta\theta\vartheta\iota\kappa\lambda\mu\nu\xi$

$\alpha\beta\gamma\delta\epsilon\varepsilon\zeta\eta\theta\vartheta\iota\kappa\lambda\mu\nu\xi$

$\alpha\beta\gamma\delta\epsilon\varepsilon\zeta\eta\theta\vartheta\iota\kappa\lambda\mu\nu\xi$

$o\pi\varpi\rho\varrho\sigma\varsigma\tau\upsilon\phi\varphi\chi\psi\omega$

$o\pi\varpi\rho\varrho\sigma\varsigma\tau\upsilon\phi\varphi\chi\psi\omega$

$o\pi\varpi\rho\varrho\sigma\varsigma\tau\upsilon\phi\varphi\chi\psi\omega$

$o\pi\varpi\rho\varrho\sigma\varsigma\tau\upsilon\phi\varphi\chi\psi\omega$

$\Gamma\Delta\Theta\Lambda\Xi\Pi\Sigma\Upsilon\Phi\Psi\Omega$

$\Gamma\Delta\Theta\Lambda\Xi\Pi\Sigma\Upsilon\Phi\Psi\Omega$

$\Gamma\Delta\Theta\Lambda\Xi\Pi\Sigma\Upsilon\Phi\Psi\Omega$

$\Gamma\Delta\Theta\Lambda\Xi\Pi\Sigma\Upsilon\Phi\Psi\Omega$

$\rightharpoondown \rightsquigarrow \longleftarrow \longrightarrow \longleftrightarrow \Longleftarrow \Longrightarrow \Longleftrightarrow \longmapsto \uparrow \downarrow \updownarrow$

$\rightharpoondown \rightsquigarrow \longleftarrow \longrightarrow \longleftrightarrow \Longleftarrow \Longrightarrow \Longleftrightarrow \longmapsto \uparrow \downarrow \updownarrow$

$\rightharpoondown \rightsquigarrow \longleftarrow \longrightarrow \longleftrightarrow \Longleftarrow \Longrightarrow \Longleftrightarrow \longmapsto \uparrow \downarrow \updownarrow$

$\rightharpoondown \rightsquigarrow \longleftarrow \longrightarrow \longleftrightarrow \Longleftarrow \Longrightarrow \Longleftrightarrow \longmapsto \uparrow \downarrow \updownarrow$

$\leftarrow \gets \rightarrow \to \leftrightarrow \Leftarrow \Rightarrow \Leftrightarrow \mapsto \hookleftarrow \hookrightarrow \leftharpoonup \leftharpoondown \rightleftharpoons \rightharpoonup$

$\leftarrow \gets \rightarrow \to \leftrightarrow \Leftarrow \Rightarrow \Leftrightarrow \mapsto \hookleftarrow \hookrightarrow \leftharpoonup \leftharpoondown \rightleftharpoons \rightharpoonup$

$\leftarrow \gets \rightarrow \to \leftrightarrow \Leftarrow \Rightarrow \Leftrightarrow \mapsto \hookleftarrow \hookrightarrow \leftharpoonup \leftharpoondown \rightleftharpoons \rightharpoonup$

$\leftarrow \gets \rightarrow \to \leftrightarrow \Leftarrow \Rightarrow \Leftrightarrow \mapsto \hookleftarrow \hookrightarrow \leftharpoonup \leftharpoondown \rightleftharpoons \rightharpoonup$

Mathematische Operatoren

$S = \{z \in \mathbb{C} \,|\, |z| < 1\} \quad \text{and} \quad S_2 = \partial S$

$S = \{z \in \mathbb{C} \,|\, |z| < 1\} \quad \text{and} \quad S_2 = \partial S$

$S = \{z \in \mathbb{C} \,|\, |z| < 1\} \quad \text{and} \quad S_2 = \partial S$

$S = \{z \in \mathbb{C} \,|\, |z| < 1\} \quad \text{and} \quad S_2 = \partial S$

$lim_{h \to 0} \frac{f(x+h) - f(x)}{h}$

$lim_{h \to 0} \frac{f(x+h) - f(x)}{h}$

$lim_{h \to 0} \frac{f(x+h) - f(x)}{h}$

$lim_{h \to 0} \frac{f(x+h) - f(x)}{h}$

$sin(a+b) = \sin(a)\cos(b) + \cos(a)\sin(b)$

$x \in M_R$

$sin(a+b) = \sin(a)\cos(b) + \cos(a)\sin(b)$

$sin(a+b) = \sin(a)\cos(b) + \cos(a)\sin(b)$

$x \in M_R$

$sin(a+b) = \sin(a)\cos(b) + \cos(a)\sin(b)$

$x \in M_R$

$x \in M_R$

Chemische Formeln

$CO_2 + C \xrightarrow[\text{below}]{\text{above}} 2\,CO$

$CO_2 + C \xrightarrow[\text{below}]{\text{above}} 2\,CO$

$CO_2 + C \xrightarrow[\text{below}]{\text{above}} 2\,CO$

$CO_2 + C \xrightarrow[\text{below}]{\text{above}} 2\,CO$

$CO_2 + C \rightleftharpoons 2\,CO$

$CO_2 + C \rightleftharpoons 2\,CO$

$CO_2 + C \rightleftharpoons 2\,CO$

$CO_2 + C \rightleftharpoons 2\,CO$

$A \cdots B \cdots\cdot C$ $A \cdots B \cdots\cdot C$ $A \cdots B \cdots\cdot C$ $A \cdots B \cdots\cdot C$

$2Cu_2S_{(s)} + 3O_{2(g)} \rightarrow 2SO_{2(g)} + 2Cu_2O_{(s)}$

$2Cu_2S_{(s)} + 3O_{2(g)} \rightarrow 2SO_{2(g)} + 2Cu_2O_{(s)}$

$2Cu_2S_{(s)} + 3O_{2(g)} \rightarrow 2SO_{2(g)} + 2Cu_2O_{(s)}$

$2Cu_2S_{(s)} + 3O_{2(g)} \rightarrow 2SO_{2(g)} + 2Cu_2O_{(s)}$

$[Cu(NH_3)_4]SO_4 \cdot 2\,H_2O$

$[Cu(NH_3)_4]SO_4 \cdot 2\,H_2O$

$[Cu(NH_3)_4]SO_4 \cdot 2\,H_2O$

$[Cu(NH_3)_4]SO_4 \cdot 2\,H_2O$

$X{=}Y{\equiv}Z$

$X{=}Y{\equiv}Z$

$X{=}Y{\equiv}Z$

$X{=}Y{\equiv}Z$

$A{\rightarrow}B{\leftarrow}C$

$A{\rightarrow}B{\leftarrow}C$

$A{\rightarrow}B{\leftarrow}C$

$A{\rightarrow}B{\leftarrow}C$