avcmath

$\boldsymbol{\sum_{kl} \alpha_{ik} \beta_{kl} \gamma_{lj}}$

50^{th}

1^{st} 2^{nd} 3^{rd}

$\operatorname{tr}(M)$

$\operatorname{sgn}(\pi)$

$\operatorname{span}\{e_1, e_2\}$

$\backslash$

1^{st} 2^{nd} 3^{rd} 1^{st} 2^{nd} 3^{rd}

$\left(\sum_{kl} A_{ik} B_{kl} C_{lj} \right)$

$\left\lfloor \sum_{kl} A_{ik} B_{kl} C_{lj} \right\rfloor$

$\left\lceil \sum_{kl} A_{ik} B_{kl} C_{lj} \right\rceil$

$1/2$

$\frac{1}{2}$ $\frac{1}{2}$

$\frac{1}{2}$ $\frac{1}{2}$

$\frac{1}{2}$ $\frac{1}{2}$

$\frac{\partial^3 f(x)}{\partial x^3}$ $\frac{\partial^3 f(x)}{\partial x^3}$

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$\frac{\partial^3 f(x)}{\partial x^3}$ $\frac{\partial^3 f(x)}{\partial x^3}$

$\frac{d^3 f(x)}{dx^3}$ $\frac{d^3 f(x)}{dx^3}$

$\frac{d^3 f(x)}{dx^3}$ $\frac{d^3 f(x)}{dx^3}$

$\frac{d^3 f(x)}{dx^3}$ $\frac{d^3 f(x)}{dx^3}$

∂

$n \in 1, 2, \ldots, 3$

$$\begin{bmatrix} a & \cdots & b & \cdots & c \\ \vdots & \ddots & \vdots & \iddots & \vdots \\ d & \cdots & e & \cdots & f \end{bmatrix}$$

$$\begin{pmatrix} a & \cdots & b & \cdots & c \\ \vdots & \ddots & \vdots & \iddots & \vdots \\ d & \cdots & e & \cdots & f \end{pmatrix}$$

$$\begin{array}{ccccc} a & \cdots & b & \cdots & c \\ \vdots & \ddots & \vdots & \iddots & \vdots \\ d & \cdots & e & \cdots & f \end{array}$$