

$$\sqrt{\frac{2^n}{2_n}} \neq \sqrt[1]{1+n}$$

$$\frac{2k}{2^k+2}$$

$$\frac{x^2}{2^{(x+2)(x-2)^3}}$$

$$\log_2 2^8-8$$

$$\sqrt[3]{e^x-\log_2x}$$

$$\lim_{n\rightarrow\infty}\sum_{k=1}^n\frac{1}{k^2}=\frac{\pi^2}{6}$$

$$\int_2^\infty \frac{1}{\log_2 x} dx = \frac{1}{x} \sin x = 1 - \cos^2(x)$$

$$\left[\begin{array}{cccc} a_{11} & a_{12} & \cdots & a_{1k} \\ a_{21} & a_{22} & \cdots & a_{2k} \\ \vdots & \vdots & \ddots & \vdots \\ a_{k1} & a_{k2} & \cdots & a_{kk} \end{array}\right]*\left[\begin{array}{c} x_1 \\ x_2 \\ \vdots \\ x_k \end{array}\right]=\left[\begin{array}{c} b_1 \\ b_2 \\ \vdots \\ b_k \end{array}\right]$$

$$(a^1=a^1(x))\wedge...\wedge(a^1=a^1(x))\Rightarrow (d=d(u))$$

$$[x]_A=\{y\in U:a(x)=a(y),\forall a\in A\},\text{ where the control object }x\in U$$

$$T:[0,1]\times[0,1]\rightarrow[0,1]$$

$$\lim_{x\rightarrow\infty}exp(-x)=0$$

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

$$P\left(A=2\bigg|\frac{A^2}{B}>4\right)$$