$$\sum_{i=1}^{n} n^2 = \frac{n(n+1)(2n+1)(\sqrt{x^3})}{||x+1|-|x-1||}$$

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

$$\overline{\lim}_{n\to\infty} a_n = \inf_n \sup_{m\geq n} a_m$$

$$\mathcal{F}_x = \varinjlim_{U\ni x} \mathcal{F}(U)$$

$$\boxed{\int_a^b \frac{1}{2}(1+x)^{-3/2}dx = \left.-\frac{1}{\sqrt{1+x}}\right|_a^b}$$

$$\boxed{\iint_{\mathbb{R}^2} e^{-(x^2+y^2)}\,dx\,dy = \pi}$$

$$\begin{pmatrix} a_{11}-\lambda & a_{12} & a_{13} \\ a_{21} & a_{22}-\lambda & a_{23} \\ a_{31} & a_{32} & a_{33}-\lambda \end{pmatrix}$$

$$\begin{array}{ccccccccccc} & & & & & & 1 & & & & \\ & & & & & 1 & & 1 & & & \\ & & & & 1 & & 2 & & 1 & & \\ & & & 1 & & 3 & & 3 & & 1 & \\ II.3.65 & & 1 & & 4 & & 6 & & 4 & & 1 \\ & & 1 & & 5 & & 10 & & 10 & & 5 & & 1 \end{array}$$