

Μαθηματικά

Μαρία Σαμαρά

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1 Σύντομη αναφορά

Γεια σου είμαι η Μαρία

2 Μαθηματικές εξισώσεις

$$\sum_{n=0}^{\infty} n = -\frac{1}{12} \tag{1}$$

$$\pi(n)=\sum_{m=2}^n\left[\left(\sum_{k=1}^{m-1}\lfloor(\ m/k)\ /\ \lceil m/k\rceil\right)^{-1}\right] \tag{2}$$

$$p_1(n)=\lim_{m\rightarrow\infty}\sum_{\nu=0}^{\infty}\big(\,1-\cos^{2m}\big(\,\nu!^n\pi/n\,\big)\,\big) \tag{3}$$

$$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+x}}}}}}}}}}}}}} \tag{4}$$

$$\prod_{j\geqslant 0}\left(\sum_{k\geqslant 0}a_{jk}z^k\right)=\sum_{n\geqslant 0}z^n\left(\sum_{\substack{k_0,k_1,\ldots\geqslant 0\\k_0+k_1+\ldots=n}}a_{0k_0}a_{1k_1}\ldots\right) \tag{5}$$

$$\begin{vmatrix} a & \cdots & z \\ \vdots & \ddots & \vdots \\ \alpha & \cdots & \omega \end{vmatrix} \tag{6}$$

$$f(n)=\begin{cases} \sum_{n=1}^{\infty}n, & n\in\mathbb{R}\setminus\mathbb{Q} \\ 0, & n\in\mathbb{Q} \end{cases} \tag{7}$$

$$\sqrt[3]{i}~^{n+1}\sqrt{4+5+6+7} \tag{8}$$

$$\iint_0^{a=n} x dx \bigg(\frac{a+b}{c}\bigg)^2 \tag{9}$$

$$\begin{pmatrix} a_{11} & a_{12} & \cdots & a_{1n} \\ a_{21} & a_{22} & \cdots & a_{2n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m1} & a_{m2} & \cdots & a_{mn} \end{pmatrix} \tag{10}$$

$$\left\{ \begin{array}{l} \alpha = f(z) \\ \beta = f(z^2) \\ \gamma = f(z^3) \end{array} \right\} \tag{11}$$

$$\left\{ \begin{array}{l} x = \alpha^2 - \beta \\ y = 2\gamma \end{array} \right\} \tag{12}$$