porcjowanie składników

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Zad.1

$$\sqrt{\frac{2^n}{2_n}} \neq \sqrt[\frac{1}{3}]{1+3}$$

Zad.2

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

Zad.3

$$\frac{x^2}{\overline{2^{x+2} \times x - 2^2}}$$

Zad.4

$$log_2 2^8 \ = 8$$

Zad.5

$$\sqrt[3]{\overline{e^x - log_2 x}}$$

Zad.6

$$\lim_{n\to\infty} \sum_{k=1}^{n} \frac{1}{k^2} = \frac{\Pi^2}{6}$$

Zad.7

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

Zad.8

$$\begin{bmatrix} a_{11} & a_{12} & \cdots & a_{1K} \\ a_{21} & a_{22} & \cdots & a_{2K} \\ \vdots & \vdots & \ddots & \vdots \\ a_{K1} & a_{K2} & \cdots & a_{KK} \end{bmatrix} * \begin{bmatrix} x_1 \\ x_2 \\ \vdots \\ x_K \end{bmatrix} = \begin{bmatrix} b_1 \\ b_2 \\ \vdots \\ b_K \end{bmatrix}$$

Zad.9

$$(a_1 = a_1(x)) \ \wedge \ (a_2 = a_2(x)) \ \wedge \cdots \wedge (a_k = a_k(x)) \Rightarrow (d = d(u))$$

Zad.10

$$[x] \ = \ y \ \epsilon \ U : \ a(x) = a(y), \ \forall a \ \epsilon \ A$$