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October 2023

1 Introduction

1. *As a* **limit:**

$$e = \lim_{n \to \infty} \left(1 + \frac{1}{n} \right)^n = \lim_{n \to \infty} \frac{n}{\sqrt[n]{n!}}$$

$$e = \lim_{n \to \infty} \left(1 + \frac{1}{n} \right)^n = \lim_{n \to \infty} \frac{n}{\sqrt[n]{n!}} = \lim_{t \to 0} (1 + t)^{\frac{1}{t}}$$
 (1)

$$e = \lim_{n \to \infty} \left(1 + \frac{1}{n} \right)^n \tag{2}$$

$$=\lim_{n\to\infty} \frac{n}{\sqrt[n]{n!}} \tag{3}$$

$$= \lim_{t \to 0} (1+t)^{\frac{1}{t}} \tag{4}$$

Equation (1) was really great! Equation (2) was really great!

$$e = \lim_{n \to \infty} \left(1 + \frac{1}{n} \right)^n$$
We get,
$$= \lim_{n \to \infty} \frac{n}{\sqrt[n]{n!}}$$
(5)

$$s = 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 0 + 1000000$$
$$+ 19932012849 + 12479128401280 + 1972109841209$$
 (6)

Table 1: My first table

1	2
3	4

2 TABLES

We have 1 really good

Theorem 2.1 (Sefayet's Theorem). $ENJOY\ OVERLEAF$

Theorem 2.2 (Sefayet's Theorem 2). ENJOY your life

 ${\it Proof.}$ Left for our professors to prove

Corollary 2.2.1. This is about life facts

Real numbers are denoted by $\mathbb R$

I could do:
$$\begin{bmatrix} 23\\2442 \end{bmatrix}$$