

This note, that [was found here](#), as a part of [a collection](#) is written (completely with human hands) by [Rupadarshi Ray](#), was created on May 2, 2026 1:04:01 AM, was last modified on May 2, 2026 1:05:36 AM, and was exported on September 7, 2026 2:50:34 PM.

$$\frac{\exp(z)}{1-z}$$
$$\frac{\exp(z)}{1-z} = \sum_{n \geq 0} \left(1 + \frac{1}{1!} + \frac{1}{2!} + \cdots + \frac{1}{n!}\right) z^n$$

Current note has 0 direct children and 0 total descendants.

- [squishy](#)
 - [pow](#)
 - $\frac{\exp(z)}{1-z}$

And it has 28 siblings.

- [squishy](#)
 - [pow](#)
 - [Angle function](#)
 - [Bessel functions](#)
 - $\cos \sqrt{z}$
 - [The complex logarithm](#)
 - $\sum_{n \geq 0} z^{n!}$
 - $z^3 - 3z$
 - $\frac{r_0}{1 + \epsilon \cos b\theta}$
 - $\cos\left(\pi \frac{p}{q}\right)$
 - $\frac{\cos x^k}{x}$
 - [Elliptic integrals and Jacobi elliptic functions](#)
 - [The complex exponential](#) $\exp(z)$
 - $\exp\left(\frac{z+1}{z-1}\right)$
 - e^{-x^2}
 - [Only sum terms that are multiples of N in $\mathbb{C}[[z]]$](<https://rupadarshiray.github.io/notes/YchnxQ9SF1RsuKjBntMv8a.>)
 - $\int \frac{1}{x^2+bx+c}$
 - $\frac{\exp(z)}{1-z}$
 - $\sin x$
 - $\sin(x \sin(x))$
 - $\frac{\sin x}{x}$
 - [stock.sin x by xk](#)
 - $\sin x^2$
 - $\sqrt{z}$
 - $\sqrt{z^2 - 1}$
 - [Theta functions](#)
 - [Weierstrass elliptic function](#) $\wp$
 - [Weierstrass' primary factors](#)
 - $x^2 \sin \frac{1}{x}$
 - $x + x^2 \sin \frac{1}{x}$