Mathematical Closure

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Open and Closed Relations

We begin with the definition of a general limit and proceed to open definitions of measures of functions on functions:

$$\lim_{\epsilon\to 0}\sum_{n=i}^{0}\partial g(f(z))dx^n! = (a!b!)^{-1}\cdot\sum_{n}^{\infty}\lim_{n\to 0}dg(z) \tag{1}$$

The second measure:

$$g(z)\cdot\int dz^{-1}f(z) = \partial\lim_{n\to\epsilon}\sum_{i=0}^{\infty}f(z)dz \to f(g(z)) \tag{2}$$

Repetition of argument:

$$f(z)^{-1}\cdot\sum dg(z) \to f(z)\cdot\lim_{n\to\infty}\sum_{n}dg(f(z)) \to f(g(z)) \tag{3}$$

Defining relation:

$$(a!\cdot b!)dx \leftarrow \partial\sum_{n=0}^{\infty}\lim_{i\to\epsilon}(f(z)-g(z))^{\frac{1}{n}} \to \int\partial f = z \tag{4}$$

Closure:

$$z^{-1} := (d\sum_{n=0}\int\lim_{i\to 0}g(f(z))z^n)\cdot(\int dz^n\partial\lim_{n=0}f(g(z))) \tag{5}$$

Extension:

$$f(z)^{-1}g(z)\cdot\int\partial f(z)dg(z)\lim_{n\to\infty}\lim_{i\to 0}\sum_{n}\sum_{i}f(z)^{\frac{1}{n}}g(z)^{\frac{1}{n}} \tag{6}$$

Opening:

$$g(z)^{\frac{1}{n}}\int f(z^{-1})dg(f(z)) = \sum_{n=i}\partial g(z^{-1})\lim_{n\to 0}f(g(z))df^{\frac{1}{n}} \tag{7}$$

Finality:

$$f(z)^{-1}g(z)\lim_{z\to a}\lim_{z\to b}\frac{a!b!}{(z-a)!(z-b)!}\sum_{z}^{0}\sum_{\infty}^{n}dg(z) = z^{\frac{1}{n}} \tag{8}$$