

# Annihilation Logic

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## 1 Introduction

The solution is correct.

Then, the function  $F$  is defined as

$$F(V, \mathcal{E}, f, g, h, \psi, \Lambda) = V \rightarrow \mathcal{E} + \sum_{f \subset g} f(g) = \Omega_{\Lambda} \left( \tan \psi \diamond \theta + \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{X + Y}{Z + W} \right).$$

then calculate all relevant power numbers:

and iterate the logic vectors for all relevant transitions using the forms:

$$\mathcal{F}(x) = \sum_{h \rightarrow \infty} \tan t \cdot \prod_{\Lambda} h \cdot \left( \sum_{f \subset g} f(g) + x \in V * U \leftrightarrow \exists y \in U : f(y) = x \right) +$$

$$x \in T(s) \leftrightarrow \exists s \in S : x = T(s) + x \in f \circ g \leftrightarrow x \in T(s).$$

$$\mathbf{v} \cdot \mathbf{a} = \Omega_{\Lambda} \left( \tan \psi \diamond \theta + \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2} \right) \cdot \left( \frac{\partial \phi(\mathbf{x})}{\partial x_1} a_1 + \frac{\partial \phi(\mathbf{x})}{\partial x_2} a_2 + \cdots + \frac{\partial \phi(\mathbf{x})}{\partial x_n} a_n \right)$$

$$\mathbf{e} \cdot \mathbf{r} = \Omega_{\Lambda} \left( \tan \psi \diamond \theta + \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2} \right) \cdot \left( \frac{f_{PQ}(x) - f_{RS}(x)}{\Delta}, \frac{f_{TU}(x) - f_{RS}(x)}{\Delta}, \frac{f_{PQ}(x) - f_{TU}(x)}{\Delta} \right)$$

$$\mathbf{s} \cdot \mathbf{c} = \Omega_{\Lambda} \left( \tan \psi \diamond \theta + \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2} \right) \cdot \left( \frac{V \rightarrow U}{\Delta}, \frac{\sum_{f \subset g} f(g)}{\Delta}, \frac{\sum_{h \rightarrow \infty} \tan t \cdot \prod_{\Lambda} h}{\Delta} \right)$$

$$\mathbf{t} \cdot \mathbf{m} = \Omega_{\Lambda} \left( \tan \psi \diamond \theta + \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2} \right) \cdot \left( \frac{\leftrightarrow \exists y \in U : f(y) = x}{\Delta}, \frac{\leftrightarrow \exists s \in S : x = T(s)}{\Delta}, \frac{\leftrightarrow x \in f \circ g}{\Delta} \right).$$

$$(F'(V, \mathcal{E}, f, g, h, \psi, \Lambda)) = \frac{\partial \left( V \rightarrow \mathcal{E} + \sum_{f \subset g} f(g) = \Omega_{\Lambda} \left( \tan \psi \diamond \theta + \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{X+Y}{Z+W} \right) \right)}{\partial \left( \left( \frac{\partial \phi(\mathbf{x})}{\partial x_1} a_1 + \frac{\partial \phi(\mathbf{x})}{\partial x_2} a_2 + \cdots + \frac{\partial \phi(\mathbf{x})}{\partial x_n} a_n \right) \right)}$$

$$+ \left( \frac{V \rightarrow U}{\Delta}, \frac{\sum_{f \subseteq g} f(g)}{\Delta}, \frac{\sum_{h \rightarrow \infty} \tan t \cdot \prod_{\Lambda} h}{\Delta} \right) + \left( \frac{\leftrightarrow \exists y \in U : f(y) = x}{\Delta}, \frac{\leftrightarrow \exists s \in S : x = T(s)}{\Delta}, \frac{\leftrightarrow x \in f \circ g}{\Delta} \right).$$

$$G(V, \mathcal{E}, f, g, h, \psi, \Lambda) = \sum_{[f] \star [g]} \left( \frac{\mathbf{v} \circ \mathbf{a} + \mathbf{e} \circ \mathbf{r} + \mathbf{s} \circ \mathbf{c} + \mathbf{t} \circ \mathbf{m}}{\mathbf{g} \circ \mathbf{h} + \mathbf{d} \circ \mathbf{p} + \mathbf{b} \circ \mathbf{n} + \mathbf{q} \circ \mathbf{k}} \right).$$

Now, consider the following statements

IF (a, b), THEN C  $\equiv \forall a \forall b ((a, b) \Rightarrow C)$

IF(a; b), THEN C  $\equiv \forall a \forall b ((a; b) \Rightarrow C)$

IF(C; b), THEN a  $\equiv \forall a \forall b ((C; b) \Rightarrow a)$

IF(C; a), THEN b  $\equiv \forall a \forall b ((C; a) \Rightarrow b)$

IF(C; C), THEN a  $\equiv b \equiv \forall a \forall b ((C; C) \Rightarrow a \equiv b)$

IF(C; C), THEN a  $\equiv b \equiv \forall a \forall b ((C; C) \Rightarrow a \equiv b)$

Then, the aforementioned expressions imply that the following claim is true

$\forall a \forall b \forall (xyz)$

$((C; C) \rightarrow a) \circ ((a; b) \rightarrow c) = ((C; C) \rightarrow a) \circ ((a; b) \rightarrow c) =$

$\forall a \forall b \forall x \forall y \forall z \forall (xyz)$

$(\forall a \forall b \forall (xyz) a(c, d, e) \rightarrow \forall a \forall b \forall (xyz) a(c, d, e) \neq (\forall a \forall b \forall (xyz) b \rightarrow \forall a \forall b \forall (xyz) c) =$

$\forall a \forall b \forall x \forall y \forall z \forall (xyz) \forall C \forall (C(x))$

$(a(c, d, e) \equiv b : x \subset y \subset z) =$

$\forall a \forall b \forall x \forall y \forall z \forall (xyz) \forall C \forall (C(x))$

$(C \equiv \neg(s \rightarrow t) \wedge \neg(p \rightarrow q) \wedge \neg(f \rightarrow g)) =$

$$\left( \sqrt{\frac{\frac{\tan t \cdot \prod_{\Lambda} h \cdot g}{\Psi} - \Omega_{\Lambda} \left( \tan \psi \diamond \theta + \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2} \right)}{1 - \tan^2 t \cdot \prod_{\Lambda} h^2 - \frac{1}{\frac{f \subseteq g}{g \equiv (\sum_{x \rightarrow \infty} \tan t \cdot \prod_{\Lambda} h)} \cdot \frac{\tan t \cdot \prod_{\Lambda} h}{\frac{f \subseteq g}{g \equiv (\sum_{x \rightarrow \infty} \tan t \cdot \prod_{\Lambda} h)}} - 1 + (\sum_{f \subseteq g} f(g))}} \right) =$$

$$\left( C = \frac{x}{x} - \frac{\tan t \cdot \prod_{\Lambda} h \cdot g}{\Psi} \right) \left( C \equiv \left( \neg \frac{p \rightarrow q}{q \rightarrow p} \wedge \neg \frac{q \rightarrow p}{p \rightarrow q} \right) + \left( \neg \frac{s \rightarrow t}{t \rightarrow s} \wedge \neg \frac{t \rightarrow s}{s \rightarrow t} \right) + \left( \neg \frac{f \rightarrow g}{g \rightarrow f} \wedge \neg \frac{g \rightarrow f}{f \rightarrow g} \right) \right) \left( \frac{t \sum_{q \subseteq \Psi} \prod_{x \subseteq \infty} \sum_{s \subseteq x} s}{(ptqs\Omega) \sqsubseteq (\sum_{p \subseteq \Psi} p)} \right).$$

$\Omega_{\Lambda} := \{ \forall (x \in Z \exists z \in \Lambda(\chi_{[y]})) \wedge \exists (\neg f \in N \forall \sum_{x \in R} f(x) \in G_{\Lambda}) \} \vee \exists (\neg f g).$

Now define the mappings

$$\begin{aligned}
S \circ T(s)(t) &\equiv S(t)(s) \\
S(t)(s) &\equiv \{\forall x \in s : x_t = \text{rand}(t)\} \\
T(s)(t) &\equiv \{\forall y \in t : y_s = \text{rand}(s)\}
\end{aligned}$$

Therefore, the statements to be proven are mapped as such:

$$\begin{aligned}
f_{x_i} &= LHS \equiv \tan t \cdot \prod_{\Lambda} h \cdot g + \frac{\tan t \cdot \prod_{\Lambda} h}{(S \circ T(s)(t))} = \\
&\tan t \cdot \prod_{\Lambda} h \cdot g + \frac{\tan t \cdot \prod_{\Lambda} h}{S \circ T(s)(t)}
\end{aligned}$$

$$f_{x_j} = RHS \equiv \tan t \cdot \prod_{\Lambda} h \cdot g,$$

which implies that  $f_{x_i} + f_{x_j} = f_{x_k}$  and therefore the second order of differentiation with respect to the constant of integration exists and the product obeys the form  $\Omega^2 - \Lambda^2$ .

However, if we consider the reverse of the transition tendencies:

$$\varphi(x, z) = \ln \Lambda \cdot \Upsilon \star \sum_{j=0}^{\infty} (-1)^{j+1} \sum_{k+l=j-1} \frac{Z \star \Upsilon^k}{X \star \Omega_{\Lambda}^l}$$

Then the function shall obey the form

$$\varphi(x, z) = \ln \Lambda \cdot \Upsilon \star \sum_{j=0}^{\infty} (-1)^{j+1} \sum_{k+l=j-1} \frac{Y}{Z} = \ln \Lambda \cdot \Upsilon \star \sum_{j=0}^{\infty} (-1)^{j+1} \sum_{k+l=j-1} \frac{Y \star \prod_{z \subset (yz)} \Lambda}{X \star \Omega_{\Lambda}}$$

Then, we may deduce that the function and its first derivative disappear at the identical point of cancellation.

Since the point  $x = 0$  exists as a potential, then it follows that the point also exists in that the product of  $\Lambda$  and  $\Upsilon$  as well. In the same way, we assert that the reverse of the transition tendencies exist by taking the constant  $\Lambda$  and equating it to the trivial equivalent of  $\Upsilon$  and so on.

We can now produce a more familiar form of the original calculation to verify the method implicitly:

$$\phi(f) = \ln(\lambda) \cdot \Xi \star \sum_{j \rightarrow \infty} \frac{(-1)^j}{Z \star X} \frac{1}{-1} \frac{1}{-2} \cdot \sum_{\Delta k \star \Delta l = -1 - (-2)} (\Delta k)^j \cdot (\Delta l)^j =$$

$$\ln(\lambda) \cdot \Xi \star \sum_{j \rightarrow \infty} \frac{(-1)^j}{Z \star X} \frac{1}{-1} \frac{1}{-2} \cdot \sum_{\Delta k \star \Delta l = -1 - (-2)} (\Delta k)^j \cdot (\Delta l)^j$$

$$\phi(f) = \ln(\lambda) \cdot \Xi \star \sum_{j \rightarrow \infty} \frac{(-1)^j}{Z \star X} \frac{1}{-1} \frac{1}{-2} \cdot \sum_{\Delta k \star \Delta l = -1 - (-2)} (\Delta k)^j \cdot (\Delta l)^j =$$

$$\ln(\lambda) \cdot \Xi \star \sum_{j \rightarrow \infty} \frac{(-1)^j}{Z \star X} \frac{1}{-1} \frac{1}{-2} \cdot \sum_{\Delta k \star \Delta l = -1 - (-2)} (\Delta k)^j \cdot (\Delta l)^j$$

Then, this sum must in turn simplify to

$$\ln(\lambda) \sum_{j \rightarrow \infty} (-1)^j \sum_{k+l=j} \frac{1}{k^2 - l^2}$$

$$\ln(\lambda) \sum_{j \rightarrow \infty} (-1)^j \sum_{k+l=j} \frac{1}{k^2 - l^2}$$

$$\ln(\lambda) \sum_{j \rightarrow \infty} (-1)^j \sum_{k+l=j} \frac{1}{k^2 - l^2}$$

$$\begin{aligned} \ln(\lambda) \sum_{j \rightarrow \infty} (-1)^j \sum_{k+l=j} \frac{1}{k^2 - l^2} &\equiv \\ (-1)^1 \mu(-1)^1 - \mu(-1)^1 &= (-1)^2 \mu(-1)^2 - \mu(-1)^1 - \mu(-1)^2 = \\ \equiv (-1)^3 \mu(-1)^3 - \mu(-1)^2 - \mu(-1)^3 - \mu(-1)^{3+1} \end{aligned}$$

$$\text{Hence, given our initial mapping } E_v \equiv \tan t \cdot \prod_{\Lambda} h \cdot g \rightarrow \sqrt{1 - \tan^2 t \cdot \prod_{\Lambda} h^2 - \frac{e}{\sqrt{1 - \tan^2 t \cdot \prod_{\Lambda} h^2 - \frac{1}{1+e}}}}$$

$$\frac{\sqrt{1 - \tan^2 t \cdot \prod_{\Lambda} h^2 - \frac{1}{1+e}}}{\sqrt{1 - \tan^2 t \cdot \prod_{\Lambda} h^2 - \frac{1}{1+e}}} \text{ then it suffices to follow that the calculation works and}$$

therefore we need only validate the cases:

$$\begin{aligned} E_V^+ &= \frac{E_v}{\sqrt{1 + \frac{1}{1+E_v}}} \\ E_V^- &= \frac{1}{E_v} - \frac{\sqrt{1 + \frac{1}{1+E_v}}}{1 + \frac{1}{1+E_v}} \end{aligned}$$

Thus, when we enable the embedding transformation

$$\tan t \cdot \prod_{\Lambda} h \cdot g \rightarrow \frac{1 - \tan^2 t \cdot \prod_{\Lambda} h^2}{\sqrt{1 - \tan^2 t \cdot \prod_{\Lambda} h^2 - \frac{1}{1 + \frac{1 - \tan^2 t \cdot \prod_{\Lambda} h^2}{2 \left( 1 - \frac{\prod_{i \sim j} (\chi(i) - \chi(j))^2 \cdot \prod_k \chi(k) \cdot \prod_l \frac{1}{\chi(l)}}{\prod_m (\chi(m))^2} - \Psi \right)}}}}$$

it is assumed that we can derive the following property

$$\tan t \cdot \prod_{\Lambda} h \cdot g \rightarrow \frac{1}{2 \left( 1 - \frac{\prod_{i \sim j} (\chi(i) - \chi(j))^2 \cdot \prod_k \chi(k) \cdot \prod_l \frac{1}{\chi(l)}}{\prod_m (\chi(m))^2} - \Psi \right)}$$

then, combining all of the above expressions into one, the series expansion for

$$\ln(\lambda) = \ln(\lambda) = \Omega_{\Lambda} \left( \tan \psi \diamond \theta + \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2} \right)$$

obeys the form:

$$\begin{aligned} \phi(f) &\equiv \ln(\lambda) = \Omega_{\Lambda} \left( \tan \psi \diamond \theta + \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2} \right) \\ &= \ln(\lambda) = \sum_{j=1}^{\infty} (-1)^j \Omega_{\Lambda} \Psi \star \sum_{k+l=j} \frac{\Xi^k}{\bar{X} \star \zeta^l} + \Omega_{\Lambda} \theta + \\ &\quad \Omega_{\Lambda} \star \diamond \psi \end{aligned}$$

Then we may immediately deduce the solution

$$\Omega_\Lambda \star \diamond \psi \rightarrow \frac{1}{2(1 - \Omega_\Lambda (\tan \psi \diamond \theta + \Psi \Psi \star nl1n^2 - l^2))}.$$

And this justifies a corresponding extension to:

$$\begin{aligned} \Omega_\Lambda \star \diamond \psi &\rightarrow \frac{1}{2(1 - \Omega_\Lambda (\tan \psi \diamond \theta + \sum_{j=1}^{\infty} (-1)^j \Omega_\Lambda \Psi \star \sum_{k+l=j} \frac{\Xi^k}{X \star \zeta^l}))} \\ &= \frac{1}{2(1 - \Omega_\Lambda (\tan \psi \diamond \theta))} \\ \text{Its inverse being} \\ \Omega_\Lambda \star \diamond \psi &\rightarrow \frac{1}{2(1 - \Omega_\Lambda (\tan \psi \diamond \theta))} \\ &= \frac{1}{2} (1 - \Omega_\Lambda (\tan \psi \diamond \theta)) \end{aligned}$$

These last equations assume that given an inverse, we can always derive the original form and vice-versa:

$$\frac{1}{2(\Omega_\Lambda \star \diamond \psi)} + \frac{1}{2} (\Omega_\Lambda \star \diamond \psi) = \Omega_\Lambda (\tan \psi \diamond \theta).$$

It should be clear that the above expression admits two inverses considered together. Namely:

$$\begin{aligned} (-1) \frac{1}{2(\Omega_\Lambda \star \diamond \psi)} + \frac{1}{2} (\Omega_\Lambda \star \diamond \psi) &= 1. \\ \frac{-1}{2(\Omega_\Lambda \star \diamond \psi)} + \frac{1}{2} (\Omega_\Lambda \star \diamond \psi) &= -1. \end{aligned}$$

$$\Psi \rightarrow \ln(-\tan^2 \psi) = -\ln \left( \Omega_\Lambda (\tan \psi \diamond \theta) + \sum_{\lambda} \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2} \right).$$

$$\Psi \rightarrow \ln(-\tan^3 \psi) = -\ln \left( \Omega_\Lambda (\tan \psi \diamond \theta) + \sum_{\lambda} \frac{1}{\frac{\Psi}{\Omega_\Lambda} + \sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2}} \right).$$

Now, by finding the tautologies with  $\Psi$ , we arrive at the formula:

$$\begin{aligned} \Psi &\rightarrow \ln \left( \frac{1}{\tan^2 \psi} + \frac{1}{\tan^3 \psi} \right) = \\ &= -\ln \left( \Omega_\Lambda (\tan \psi \diamond \theta) + \sum_{\lambda} \frac{1}{\frac{\Psi}{\Omega_\Lambda} \star \sum_{n=1}^{\infty} \frac{1}{n^2 - l^2} + \sum_{n=1}^{\infty} \frac{1}{n^2 - l^2} + \sum_{n=1}^{\infty} \frac{1}{n^2 - l^2} \sum_{n=1}^{\infty} \frac{1}{n^2 - l^2} \sum_{n=1}^{\infty} \frac{1}{n^2 - l^2}} \right) + \\ &\sum_{\lambda} \frac{1}{\frac{\Psi}{\Omega_\Lambda} \star \sum_{n=1}^{\infty} \frac{1}{n^2 - l^2} + \sum_{n=1}^{\infty} \frac{1}{n^2 - l^2} + \sum_{n=1}^{\infty} \frac{1}{n^2 - l^2} \sum_{n=1}^{\infty} \frac{1}{n^2 - l^2} \sum_{n=1}^{\infty} \frac{1}{n^2 - l^2}}. \end{aligned}$$

Therefore, it is trivial that

$$\Psi \rightarrow \ln(-\tan^2 \psi + \tan^3 \psi) =$$

$$\begin{aligned} & -\ln\left(\frac{-\tan^2\psi}{-\tan^3\psi}\right) = \\ & -\ln\left(\frac{-\tan^2\psi\star-\tan^2\psi\star-\tan^2\psi}{-\tan^3\psi\star-\tan^3\psi\star-\tan^3\psi}\right) = \\ & = -\ln\left(\frac{\tan\psi\cdot\tan\psi\cdot\tan\psi}{\tan\psi\cdot\tan\psi\cdot\tan\psi}\right) = \\ & -\ln\left(\frac{\sin\psi\cdot\sin\psi\cdot\sin\psi}{\sin\psi\cdot\sin\psi\cdot\sin\psi}\right) = \\ & = -\ln(\sin^2\psi\cdot\sin^2\psi\cdot\sin^2\psi). \end{aligned}$$

The final assertion we shall make is that when we take the exponential of the inverse function and the sum of the form  $\sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2}$  and take the product of the form

$$\ln(1) = \Omega_\Lambda (\tan \psi \diamond \theta) + \Omega_\Lambda \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2}$$

then the inverse of the above argument is given by the expression

$$\frac{1}{\Omega_\Lambda} = \frac{1}{\Omega_\Lambda (\tan \psi \diamond \theta) + \Omega_\Lambda \Psi \star \sum_{[n] \star [l] \rightarrow \infty} \frac{1}{n^2 - l^2}}.$$

$$\begin{aligned} & \exists^\infty \text{ such that } \mathcal{L}_{\rightarrow f_{r, \alpha, s, \delta, \eta}} = \& \quad \text{and} \quad \mu_{\rightarrow g} =_\Omega \text{ are in equilibrium} \quad \sim \sim \oplus \\ & \cdot \quad \sim \sim \ominus = \lambda \end{aligned}$$

$$\exists \infty \mathcal{L} \rightarrow f_{r,\alpha,s,\delta,\eta} =, n$$

$$and \mu! \rightarrow g \qquad \neq \Omega, \mu\}[\infty \qquad mil(\emptyset \cdots \clubsuit), \zeta \rightarrow - \langle (\mathcal{H}) + (\mathcal{I}) \rangle \rightarrow kxp|w* \qquad 6/3 \sqrt{x^6 + t^2 \div 2 hcv^{\frac{8}{4}}} \rightarrow \Gamma \rightarrow \Omega =$$

$$\frac{(\eta + \frac{\kappa}{2})\psi \diamond [1 \rightarrow \mathcal{L}_{f_{r,\alpha,s,\delta,\eta}} \text{ and } \mu_g]}{\begin{array}{ccc} \not\prec a, b, c, d, e \cdots \begin{array}{c} \vdots \\ \cdot \\ \varrho \end{array} & \neq \Omega \mathcal{L} \rightarrow f_{r,\alpha,s,\delta,\eta} =, \text{ and } \mu \mapsto g & \neq \Omega, \mu \} \oplus \ominus = \Lambda \end{array}}$$