Ejemplo

```
INIT
Z.sum1 = 2;
Z.resa = Z.sum1;
```

$\Rightarrow$ ... $\Rightarrow$

Box 3:
```
1
0·sum1
1·sum1
1·sum1
0
=
1
=·sum1
*:2
0·resa
=
1·resa
=·resa
*:1
```

$\Rightarrow$

Box 4 (with ←:2 at line "1", ←:1 at "1·resa"):
```
1
0:3
1:3
1:3
0
=
1          ←:2
=:3
*:2
0·resa
=
1·resa     ←:1
=·resa
*:1
```

$\Rightarrow$

Box 5 (with ←:2, ←:1, ←:3):
```
1
0:3
1:3
1:3
0
=
1          ←:2
=:3
*:2
0·resa
=
1·resa     ←:1
=·resa
*:1
1          ←:3
```

$\Rightarrow$

Box 6:
```
1
0:3
1:3
1:3
0
=
1          ←:2
=:3
*:2
0:4
=
1:4        ←:1
=:4
*:1
1          ←:3
1          ←:4
```

$\Rightarrow$

Box 7:

1	1
2	$0^{:3}$
3	$1^{:3}$
4	$1^{:3}$
5	0
6	=
7	1 ←:2
8	$=^{:3}$
9	$*^{:2}$
10	$0^{:4}$
11	=
12	$1^{:4}$ ←:1
13	$=^{:4}$
14	$*^{:1}$
15	1 ←:3
16	1 ←:4

$\Rightarrow$

Box 8:

1	1
2	0^{15}
3	1^{15}
4	1^{15}
5	0
6	=
7	1 ←:2
8	$=^{15}$
9	$*^{7}$
10	0^{16}
11	=
12	1^{16} ←:1
13	$=^{16}$
14	$*^{12}$
15	1 ←:3
16	1 ←:4

$\Rightarrow$

Box 9:

1	1
2	0''''''''''''
3	1''''''''''''
4	1''''''''''''
5	0
6	=
7	1
8	=''''''''''''
9	*''''''
10	0''''''''''''
11	=
12	1''''''''''''
13	=''''''''''''
14	*''''''''''
15	1
16	1

$$\lambda \rightarrow \langle natural \rangle \mid Z_\Omega$$

Operaciones Aritméticas

$Z_\Omega \mathrel{+}= \lambda;$ ➡

```
Z.opi = λ;
Z₁ = 0;
*:j

1              ←:i
1^Ω
=.opi          ←:j
*:i
```

$Z_\Omega = Z_\Phi + Z_\Psi;$ ➡

```
Z_Ω = Z_Φ;
Z_Ω += Z_Ψ;
```

$Z_\Omega \mathrel{++};$ ➡

```
1^Ω;
```

$Z_\Omega = Z_\Phi - Z_\Psi;$ ➡

```
Z_Ω = 0;
Z₁ = 0;
JUMP
Z₁++;          ←:i
=^Φ
JUMP
*:j
=^Ψ
*:i
Z₁++;          ←:k
Z_Ω++;
=^Φ
*:k
...            ←:j
```

Z_Ω--; ➡

```
Z_1 = 0;
=^Ω
JUMP
*^:i
Z_.opi = Z_Ω;
Z_Ω = 0;
JUMP
Z_Ω++;        ←:j
Z_1++;
=^.opi
*^:j
...           ←:i
```

$Z_\Omega = Z_\Phi * Z_\Psi$; ➡

```
Z_Ω = 0;
Z_1 = 0;
*^:i
Z_1++;            ←:j
Z_.cont = Z_1;
Z_Ω += Z_Φ;
Z_1 = Z_.cont
=^Ψ               ←:i
*^:j
```

STOP ➡

```
0^:i
1     ←:i
```

RETURN; ➡

```
STOP
```

RETURN λ; ➡

```
Z_1 = λ;
STOP
```

$Z_\Omega = Z_\Phi\ /\ Z_\psi;$ ➡

```
Z_Ω = 0;
Z_.da = Z_Φ;
Z_.da++;
Z_1 = 0;
=^ψ
*:i
STOP
Z_Ω++;              ←:j
Z_.da -= Z_ψ;       ←:i
Z_1 = 0;
=.da
*:j
```

$Z_\Omega = Z_\Phi\ \%\ Z_\psi;$ ➡

```
Z_Ω = Z_Φ / Z_ψ;
Z_.ra = Z_Ω * Z_ψ;
Z_Ω = Z_Φ - Z_.ra;
```

Postulados 2

⟨*natc*⟩ → **0** | ⟨*natural*⟩

𝖆 | 𝖇 | 𝖈 → ⟨*natc*⟩

Postulado 1'''

𝖆 = 0 + 0 es verdad si y sólo sí 𝖆 es 0.

Postulado 1''''

1 = 1 + 0 es verdad.