R0 = (0+1)* 11(1+01)* (λ+0)

$\boxed{R_0 = (0+1)^* 11 (1+01)^* (\lambda+0)}$

$D_0(R_0) = R_0 \quad \delta(R_0) = \phi.$

$D_0(R_0) = \underbrace{[D_0(0+1)]}_{\lambda} \cdot (0+1)^* 11 (1+01)^* (\lambda+0) + \underbrace{\delta(0+1)^*}_{\lambda} \cdot \underline{D_0(11(1+01)^*(\lambda+0))} =$

$= \underbrace{\underbrace{(0+1)^* 11 (1+01)^* (\lambda+0)}_{R_0} \quad D_0(1) \cdot 1(1+01)^*(\lambda+0) + \delta(1) D_0(-)}_{R_0}$

$D_0(1) = \phi \qquad \delta(1) = \phi$

$R_0.$

$D_1(R_0) = (D_1(0+1))(0+1)^* 11 (1+01)^* (\lambda+0) + \underbrace{\delta(0+1)^*}_{\lambda} \cdot \underline{D_1(11(1+01)^*(\lambda+0))} =$

$\underbrace{\underbrace{(\phi+\lambda)(0+1) 11 (1+01)^* (\lambda+0)}_{R_0} + \underbrace{D_1(1) \cdot 1(1+01)^*(\lambda+0)}_{1(1+01)^*(\lambda+0)} + \delta(1) D_1(-)}$

$\delta(1) = \phi$

$= \boxed{R_0 + 1(1+01)^* (\lambda+0) = R_1}$

$D_1(R_0) = R_1 \quad \delta(R_1) = \phi$

$$\cdot\ D_0(R_1) = \underbrace{D_0(R_0)}_{R_0} + \underbrace{D_0(1)\cdot(1+01)^*(\lambda+0)}_{\emptyset} + \delta(1)\cdot \underbrace{D_0(-)}_{\emptyset} = R_0$$

$$\cdot\ D_1(R_1) = \underbrace{D_1(R_0)}_{R_1} + \underbrace{\underbrace{D_1(1)}_{\lambda}(1+01)^*(\lambda+0)}_{+\ (1+01)^*(\lambda+0)} + \delta(1)\underbrace{D_1(-)}_{\emptyset}$$

$$\boxed{R_2} = \boxed{R_1 + (1+01)^*(\lambda+0)} = R_0 + 1(1+01)^*(\lambda+0) + (1+01)^*(\lambda+0)$$

$$\cdot\ D_0(R_2) = \underbrace{D_0(R_1)}_{R_0} + \underbrace{(D_0(1+01))(1+01)^*(\lambda+0)}_{\emptyset + 1(1+01)^*(\lambda+0)} + \underbrace{\delta(1+01)^*}_{\lambda}\cdot \underbrace{D_0(\lambda+0)}_{D_0(\lambda)+D_0(0) = \emptyset + \lambda = \lambda}$$

$$R_0 + 1(1+01)^*(\lambda+0) = R_1$$

$$= \boxed{R_1 + \lambda = R_3}$$

$$\cdot\ D_1(R_2) = \underbrace{D_1(R_1)}_{R_2} + \underbrace{(D_1(1+01))(1+01)^*(\lambda+0)}_{(\lambda+\emptyset)(1+01)^*(\lambda+0)} + \underbrace{\delta(1+01)^*}_{\lambda}\underbrace{D_1(\lambda+0)}_{\emptyset}$$

$$R_2 + \boxed{(1+01)^*(\lambda+0)} = R_2$$

OJO ya $\in$ a R_2, luego NO se repite.

- $D_0(R_1) = R_0$
- $D_1(R_1) = R_2$

$\delta(R_2) = \lambda$

- $D_0(R_2) = R_3$ $\delta(R_3) = \lambda$
- $D_1(R_2) = R_2$

- $R_0(R_3) = \underbrace{D_0(R_1)}_{R_0} + \underbrace{D_0(\lambda)}_{\emptyset} = \boxed{R_0}$

- $D_0(R_3) = R_0$
- $D_1(R_3) = R_2$

- $D_1(R_3) = \underbrace{D_1(R_1)}_{R_2} + \underbrace{D_1(\lambda)}_{\emptyset} = \boxed{R_2}$

- $\cancel{J(R_0) = \emptyset}$ $\quad \cancel{J(R_1) = \emptyset}$
- $D_0(R_0) = R_0$
- $D_1(R_0) = R_1$
- $D_0(R_1) = R_0$
- $D_1(R_1) = R_2$
- $D_0(R_2) = R_3$
- $D_1(R_2) = R_2$
- $D_0(R_3) = R_0$
- $D_1(R_3) = R_2$

$J(R_2) = \lambda$

$J(R_3) = \lambda$

$$\boxed{\begin{array}{l} G3LD \Rightarrow \\ R_0 \Rightarrow 0R_0 / 1R_1 \\ R_1 \Rightarrow 0R_0 / 1R_2 / 1 \\ R_2 \Rightarrow 0R_3 / 0 / 1R_2 / 1 \\ R_3 \Rightarrow 0R_0 / 1R_2 / 1 \end{array}}$$