IDLE
$$z' = 0$$

Duration! $c' = 1$
 $L'_2 = L'_1 = k' = \sigma_2 = 0$

DurationEnds! $s \ge 1 \& \sim DurationEnds$
 $c \leftarrow 0$
 $L_2 \leftarrow L_2 + c^2$
 $L_1 \leftarrow L_1 + c$

 $k \leftarrow k + 1$

FINALIZE

Z'=0

$$\underbrace{\sigma_2 \leftarrow k^{-1}[L_2 - 2\left(\frac{L_1}{k}\right)L_1 + k\left(\frac{L_1}{k}\right)^2]}_{}$$