```
proc ralentizar (inout r: reunion, in prof: ℤ, in freq: ℤ) {
```
Pre $\{esReuniónVálidaAux(r, prof, freq) \land r_0 = r\}$

Post {

 $esReuniónVálidaAux(r, prof, freq) \land_L$

 $|r| = |r_0| \land_L$

 $lasSeñalesTienenElDobleDeMuestras(r, r_0) \land_L$

 $promedioEntrePares(r, r_0)\}$

```
}
```

```
pred lasSeñalesTienenElDobleDeMuestras
```
$(r: reunion, r_0 : reunion)\{(\forall i : \mathbb{Z}) \; 0 \leq i < |r_0|$
$\longrightarrow_L (2 \cdot |r_0[i]_0|) = (|r[i]_0| + 1)\}$

```
pred losImpares
```
$(r: reunion, r_0 : reunion)\{(\forall i : \mathbb{Z}) \; 0 \leq i < |r| \; \longrightarrow_L ($
$(\exists j : \mathbb{Z}) \; 0 \leq j < |r| \; \land_L (r[i]_1 = r[j]_1) \land_L$
$(\;(\forall q : \mathbb{Z}) \; 0 \leq q < |r_0[i]_0| \land (\neg esPar(q)) \; \longrightarrow_L (r_0[i]_0[q] = r[j]_0[\frac{q-1}{2}])))\}$