```
proc ralentizar (inout r: reunion, in prof: ℤ, in freq: ℤ)  {
        Pre {esReunionVálidaAux(r, prof, freq) ∧ r_0 = r}
        Post {
            esReunionVálidaAux(r, prof, freq)∧
             (|r| = |r_0| ∧_L
             lasSeñalesTienenElDobleDeMuestras(r, r_0)∧_L
             promedioEntrePares(r, r_0))
        }
}
```

```
pred lasSeñalesTienenElDobleDeMuestras (r: reunion, r_v : reunion){
  (∀i : ℤ) 0 ≤ i < |r_v|  ⟶_L(2 · |r_v[i]_0|) = (|r[i]_0| + 1)
}
```

```
pred promedioEntrePares (r: reunion, r_v : reunion){
  (∀i : ℤ) 0 ≤ i < |r|  ⟶_L(
    (∃j : ℤ) 0 ≤ j < |r_v|  ∧_L(r[i]_1 = r_v[j]_1) ∧_L (
      (∀q : ℤ) 0 ≤ q < |r[i]_0|  ⟶_L
        if esPar(q) then r[i]_0[q] = r_v[j]_0[q/2] else r[i]_0[q] = (r_v[j]_0[(q−1)/2] + r_v[j]_0[(q+1)/2]) / 2 fi ) )
}
```