```
proc acelerar (inout r: reunion, in prof: ℤ, in freq: ℤ)  {
        Pre {esReuniónVálidaAux(r, prof, freq) ∧ r_0 = r}
        Post {
            esReuniónVálidaAux(r, prof, freq)∧
             (|r| = |r_0| ∧_L
             lasSeñalesTieneLaMitadDeMuestras(r, r_0)∧_L
             losImpares(r, r_0))}
}
```

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

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