```
proc seEnojó? (in s: señal, in umbral: ℤ, in prof: ℤ, in freq: ℤ, out result: Bool) {
        Pre {umbral > 0 ∧_L esSeñalAux(s, prof, freq)}
        Post {
            result = umbralEnRango(umbral, prof) ∧_L
            existeUnaSubsecuenciaQueSuperaUmbral(s, freq, umbral)}
}
    pred umbralEnRango (umbral: ℤ, p: ℤ) {umbral ≥ 2^(p−1) − 1}
    pred existeUnaSubsecuenciaQueSuperaUmbral (s: señal, freq: ℤ, u: ℤ) {
    (∃d, h : ℤ) 0 ≤ d, h < |s|  ∧(d < h) ∧ ((d + freq ∗ 1000 ∗ 5) < h)∧_L
    ( (∀i : ℤ) 0 ≤ i < |subseq(s, d, h)|  ⟶_L abs(subseq(s, d, h)[i]) > umbral) }
    fun abs (x: ℤ) : ℤ = if x > 0 then x else − x fi;
```