```
proc seEnojó? (in s: señal, in umbral: ℤ, in prof: ℤ, in freq: ℤ, out result: Bool)  {
        Pre {umbral > 0 ∧ esSeñalAux(s, prof, freq)}
        Post {
            result = umbralEnRango(umbral, prof) ∧
            existeUnaSubsecuenciaQueSuperaUmbral(s, freq, umbral)}
}
    pred umbralEnRango (umbral: ℤ, p: ℤ) {umbral ≤ 2^(p−1) − 1}

    pred existeUnaSubsecuenciaQueSuperaUmbral (s : señal, freq: ℤ, umbral: ℤ) {
      (∃d, h : ℤ) 0 ≤ d, h < |s| + 1  ∧(h > (d + freq ∗ 1000 ∗ 5)) ∧_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;
```