

|[

var x : arreglo [0,N)

b : booleano

{len(x) ≥ 1}

**Decreciente**

{b ≡ (Ʌi ∣ 0 < i < len(x) : X[i - 1] > X[i]}

]|



|[

var x : arreglo [0,N)

b : booleano

{len(x) ≥ 1}

**Una\_vez**

{b ≡ (#i ∣ 0 ≤ i < len(x) : X[j] = (↑j ∣ 0 ≤ j < len(x) : X[j]) = 1}

]|



|[

var x : arreglo [0,N)

b : booleano

{len(x) ≥ 1}

**Par\_e\_impar**

{b ≡ (#i ∣ 0 ≤ i < len(x) : (#j ∣ 0 ≤ i < len(x) : (X[i] mod 2 = 0) = (X[j] mod 2 = 1))}

]|



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var x : arreglo [0,N)

b : booleano

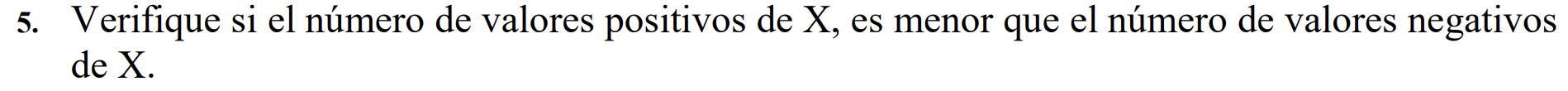
{len(x) ≥ 1}

**Cuadrado\_perfecto**

{b ≡ (∨i ∣ 0 < i < len(x) : cuadrado\_perfecto(X[i])}

cuadrado\_perfecto(x) : (∨i ∣ 0 < i < x/2 : x = i2)

]|



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var x : arreglo [0,N)

b : booleano

{len(x) ≥ 1}

**Positivos\_y\_negativos**

{b ≡ ((#i ∣ 0 < i < len(x) : X[i] > 0) < (#i ∣ 0 < i < len(x) : X[i] < 0))}

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