Algorithm 1: `extractTiles`($[\![\alpha]\!]$): estrazione di tutte le tiles presenti in $[\![\alpha]\!]$ per qualche $\alpha \subseteq AP$

Data: $[\![\alpha]\!]$ interpretazione di un osservabile
Output: Insieme di tiles T di $[\![\alpha]\!]$

```
1  if [[α]] == ∅ then
2      return ∅
3  if totalPatches([[α]]) == 1 then
4      return [[α]]
5  list = []
6  for P ∈ [[α]] do
7      A = {P}
8      list.append(A)
9  head = list.begin()
10 cursor = list.begin() + 1
11 T = ∅
12 while cursor != list.end() do
13     moveHeadForward = true
14     A = *head
15     while cursor != list.end() do
16         B = *cursor
17         if (A ∩ cl(B)) ∪ (cl(A) ∩ B) != ∅ then
18             cursor = list.erase(cursor)
19             A = A ∪ B
20             moveHeadForward = false
21         else
22             cursor = cursor + 1
23     if moveHeadForward then
24         T = A ∪ B
25         head = head + 1
26     cursor = head
27     cursor = cursor + 1
28     if cursor == list.end() then
29         C = *head
30         T = T ∪ C
31 return T
```