```
function MINIMAL-CONSISTENT-DET(E, A) returns a determination
  inputs: E, a set of examples
          A, a set of attributes, of size n

  for i ← 0, ..., n do
    for each subset A_i of A of size i do
      if CONSISTENT-DET?(A_i, E) then return A_i
    end
  end
```

```
function CONSISTENT-DET?(A, E) returns a truth-value
  inputs: A, a set of attributes
          E, a set of examples
  local variables: H, a hash table

  for each example e in E do
    if some example in H has the same values as e for the attributes A
      but a different classification then return False
    store the class of e in H, indexed by the values for attributes A of the example e
  end
  return True
```