

```
procedure DFSblue(s,i)
  s.color[i] := cyan
  all_successors_red := true
  for all t ∈ post(s) do
    if t.color[i]=cyan and s or t ∈ Acc then ExitCycle
    if t.color[i]=white and ¬t.red then DFSblue(t,i)
    if ¬t.red then all_successors_red := false
  if all_successors_red then s.red := true
  else if s ∈ Acc then s.count++; DFSred(s,i)
  s.color[i] := blue
```

```
procedure DFSred(s,i)
  s.color[i] := pink
  for all t ∈ post(s) do
    if t.color[i]=cyan then ExitCycle
    if t.color[i]≠pink and ¬t.red then DFSred(t,i)
  if s ∈ Acc then s.count--; await s.count=0
  s.red := true
```

