```
algorithm DFS(G)
    for all Knoten v ∈ V[G] do
        color[v] = weiß
        π[v] = NIL
    end for
    time = 0
    for all Knoten v ∈ V[G] do
        if color[v] = weiß then
            DFSVisit(v)
        end if
    end for
end algorithm
```

```
algorithm DFSVisit(v)
    color[v] = grau
    time = time + 1
    d[v] = time
    for all u ∈ AL[v] do
        if color[u] = weiß then
            π[u] = v
            DFSVisit(u)
        end if
    end for
    color[v] = schwarz
    time = time + 1
    f[v] = time
end algorithm
```