```
procedure Close(v ∈ V):
    for all w ∈ V s.t. w ≺ v and M_v(w) = M_v(v):
        Cover(v, w)

recursive procedure DFS(v ∈ V):
    Close(v)
    if v is uncovered then
        if M_v(v) = l_f then
            Refine(v);
            for all w ⊑ v: Close(w)
        Expand(v);
        for all children w of v: DFS(w)

procedure Unwind:
    set V ← {ϵ}, E ← ∅, ψ(ϵ) ← True, ▷ ← ∅
    while there exists an uncovered leaf v ∈ V:
        for all w ∈ V s.t. w ⊏ v: Close(w);
        DFS(v)
```

Fig. 5. DFS unwinding strategy