```
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