```
procedure ForceCover(v, w ∈ V)
    let x be the nearest common ancestor of v and w
    let π = (v_0, T_0, v_1) ··· (v_{n−1}, T_{n−1}, v_n) be the unique path from x to v
    let Γ = ψ(x) · U(π) · ¬ψ(w)^⟨n⟩
    if Γ has an interpolant Â_0, ..., Â_{n+2} then
        for i = 0 ... n:
            let φ = Â_{i+1}^⟨−i⟩
            if ψ(v_i) ⊭ φ then
                remove all pairs (·, v_i) from ▷
                set ψ(v_i) ← ψ(v_i) ∧ φ
```

Fig. 6. Procedure to force covering of one vertex by another