1. algorithme de Model Checking à la volée pour ATL

```
1: procedure update (b, σ)
2:     flag := b ;
3:     if (b̸) then
4:         F := F ∪ {σ}
5:     end if
6: end procedure UPDATE
7:
8: procedure McTO(σ)
9:     if σ ∈ V then
10:        if σ ∈ F then
11:            flag := false
12:        else
13:            flag := true
14:        end if
15:    else
16:        V := V ∪ {σ};
17:        case σ
18:            S ⊢ l :
19:                update(S ⊢ l, σ)
20:            S ⊢ p1 ∧ p2
21:                update(McTO(S ⊢ p1) and MCTO(S ⊢ p2), σ)
22:            S ⊢ p1 ∨ p2
23:                update(McTO(S ⊢ p1) or MCTO(S ⊢ p2), σ)
24:            S ⊢ Φ
25:                update(McATL(σ), σ)
           end case
26:    end if
27:    Return (flag)
28: end procedure MCTO
```

2. algorithme

```
1: procedure McATL(σ)
2: end procedure
```