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**Algorithm 1** Zadanie 6.1

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▷ ASSIGN
▷ init(s) = s0;
▷ next(s) := case
for all si ∈ s do
  for all tk ∈ T do
    Vik ← ∅
    for all sj ∈ s do
      if (Mi, Si)  $\xrightarrow{tk}$  (Mj, Sj) then
        Vik ← Vik ∪ {sj}
      end if
    end for
    ▷ s = si & action = tk: {Vik contents};
  end for
end for
▷ esac;
```

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