$\text{C}\textsc{ompute-}\text{T}\textsc{ransition-}\text{F}\textsc{unction}(P, \Sigma, m)$

```
1   for q = 0 to m
2       for each character a ∈ Σ
3           k = min{m, q + 1}
4           while P[: k] is not a suffix of P[: q]a
5               k = k − 1
6           δ(q, a) = k
7   return δ
```