Forward phase:

1: $C(1) = \mathit{Cells}(R_1)$

2: **for all** $c \in C(1)$ **do**

3: $\quad p_1^{\text{fw}}(c) = \frac{1}{|C(1)|}$

4: **for** $t = 2$ to T **do**

5: $\quad C(t) = \{c \,|\, c \in \mathit{Cells}(R_t) \wedge \exists c' \in C(t-1) \text{ s.t. } \frac{d_{\min}(c',c)}{\Delta} \leq v_{\max}\}$

6: $\quad$ **for all** $c \in C(t)$ **do**

7: $\quad\quad p_t^{\text{fw}}(c) = \sum_{c' \in C(t-1)} p_{t-1}^{\text{fw}}(c') \cdot p^{\text{mov}}(v \geq \frac{d_{\min}(c',c)}{\Delta})$