Backward phase:

for $t = T$ downTo 1 **do**

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

    if $t = T$ **then**

      $p_T^{\text{bw}}(c) = \frac{1}{|C(T)|}$

    else

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

    if $p_t^{\text{bw}}(c) = 0$ **then**

      $C(t) = C(t) \setminus \{c\}$

    else

      $p_t(c) = p_t^{\text{fw}}(c) \cdot p_t^{\text{bw}}(c) \cdot h(R_t|c)$

Project $p_1, \cdots, p_T$ on $\mathcal{L}$ and normalize

return $p_1, \cdots, p_T$