Input: TBox $\mathcal{T}$, signature Σ, $x \in \{\emptyset, \Delta, \bot, \top\}$
Output: x-module $\mathcal{M}$ of $\mathcal{O}$ w.r.t. Σ

$M \leftarrow \emptyset;\ \mathcal{T}' \leftarrow \mathcal{T}$
repeat
  changed $\leftarrow$ false
  for all $\alpha \in \mathcal{T}'$ **do**
    if α not x-local w.r.t. $\Sigma \cup \widetilde{\mathcal{M}}$ **then**
      $\mathcal{M} \leftarrow \mathcal{M} \cup \{\alpha\}$
      $\mathcal{T}' \leftarrow \mathcal{T}' \setminus \{\alpha\}$
      changed $\leftarrow$ true
    end if
  end for
until changed $=$ false
return $\mathcal{M}$