Algorithm 1: selectVehicle

Function *selectVehicle*$(VT_i, d_i, v_{free}, K, \tau)$
  for *each vehicle* **do**
    $V_{\text{cand}} = \emptyset$
    $pos \leftarrow$vehicle's current location
    for k *= 1 to* n_{prim} **do**
      $V_{\text{cand}} \leftarrow V_{\text{free}} \cap K_k^{(pos)}$
    $p(v_i) \leftarrow \sum_{v_j \in V_{\text{cand}}} \tau_{v_{\text{pos}} v_j}^{(VT_i)(d_i)}$
  $p_{\text{sum}} = \sum_{v_i \in V_{VT_i D_i}} p(v_i)$
  return $rouletteWheel(p(v), p_{sum})$;