Algorithm 2 Find feature subset

parameters: set of normal examples $\mathcal{D}$, sample size n, acceptable false negative rate τ, margin Δ

$F_S \leftarrow \emptyset$
for $k \in 0..4$ **do**
  $\tilde{\mathcal{D}} \leftarrow \textsc{Generate}(\boldsymbol{T}, \mathcal{D}[kn, k(n+1)], F_S, true)$
  $\bar{v} \leftarrow \frac{1}{n} \times$ number of false negatives in $\tilde{\mathcal{D}}$
  if $\bar{v}$ exceeds $\tau - \Delta$, **then** $\textsc{ExpandFeatureSet}(F_S, \mathcal{D}, \tilde{\mathcal{D}})$
  else break the loop
end for
return: F_S