**Algorithm 2** Find feature subset

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

$F_S \leftarrow \emptyset$
**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** expand $F_S$, adding most frequently perturbed features in $\tilde{\mathcal{D}}$ first
    **else break** the loop
**end for**
**return:** $F_S$