

```

1 Function  $Generate_{slim}(\mathcal{CT})$ 
   | Data: Code tables  $\mathcal{CT} = \{CT_1, \dots, CT_n\}$ 
   | Result: Code tables  $\mathcal{CT} = \{CT_1, \dots, CT_k\}$ 
2    $\mathcal{CT}^{cand} = \{\};$ 
3   for  $CT \in \mathcal{CT}$  do
4     | for  $F \in \{X \cup Y : X, Y \in CT\}$  do
5       |  $\mathcal{CT}^{cand} = \mathcal{CT}^{cand} \cup \{(CT \cup F) \text{ Standard Cover Order }\};$ 
6     | end
7   end
8   return  $\mathcal{CT}^{cand};$ 

```