

```
1: for  $i = \{1, \dots, n\}$  do  
2:    $\mathcal{B} \leftarrow \text{SUBDIVIDE}(\mathcal{B})$   
3:    $\mathcal{B} \leftarrow \mathcal{B} \cap f(\mathcal{B})$   
4: return  $\mathcal{B}$ 
```