

```
GEPPETO( $X$ )  
  return GET COMBINATIONS( $1, \emptyset$ );
```

```
GET COMBINATIONS( $i, S$ )  
  if  $i = n + 1$  then  
    return 1;  
  end if  
   $a \leftarrow$  GET COMBINATIONS( $i + 1, S$ );  
  for all  $j \in X[i]$  do  
    if  $S \cap \{j\} \neq \emptyset$  then  
      return  $a$ ;  
    end if  
  end for  
   $\hat{a} \leftarrow$  GET COMBINATIONS( $i + 1, S \cup \{i\}$ );  
  return  $a + \hat{a}$ ;
```