

Algoritmo di Kruskal

Pseudocodice*

Algoritmo 1 Kruskal(G)

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```
1:  $A \leftarrow \emptyset$ 
2: for each  $v \in V[G]$  do
3:    $MakeSet(v)$ 
4: end for
5:  $HeapSort(E[G], w)$ 
6: for each  $(u, v) \in E[G]$  do
7:   if  $FindSet(u) \neq FindSet(v)$  then
8:      $A \leftarrow A \cup \{(u, v)\}$ 
9:      $Union(u, v)$ 
10:  end if
11: end for
12: return  $A$ 
```

*T. H. Cormen, C. E. Leiserson, R. L. Rivest e C. Stein. *Introduction to Algorithms*. MIT Press, Second Edition, 2001.