

Compute a minimum spanning forest for a graph  $G$ . We need to compute the spanning tree of each component.

```
for each vertex  $v$  in  $G.vertices()$  do
    setComp( $v$ , -1)
for each vertex  $v$  in  $G.vertices()$  do
    if getComp( $v$ ) < 0 then
        Baruvka( $G$ ,  $v$ )
```

```
for each vertex  $v$  in  $G.vertices()$  do
    setDone( $v$ , null)
for each vertex  $v$  in  $G.vertices()$  do
    if getDone( $v$ ) = null then
        PrimJarnikMST( $G$ ,  $v$ )
```