

## TREE-DELETE(x)

```
if left[z]=nil or right[z]=nil
  then y←z
  else y←TREE-SUCCESSOR(z)
if left[y]≠nil
  then x←left[y]
  else x←right[y]
if x≠nil
  then p[x]←p[y]
if p[y]=nil
  then root[T]←x
  else if y=left[p[y]]
    then left[p[y]]←x
    else right[p[y]]←x
if y≠z
  then key[z]←key[y]
return y
```