

```

shellSort(ITEM[] A, int n)
    int h ← 1
    finché  $h \leq n$  fai
        int h ←  $3 \cdot h + 1$ 
    int h ←  $\lfloor h/3 \rfloor$ 
    finché not  $h \geq 1$  fai
        da  $i \leftarrow h + 1$  fino a  $n$  fai
            ITEM temp ←  $A[i]$ 
            int j ← i
            finché  $j > h$  and  $A[j - h] > temp$  fai
                 $A[j] \leftarrow A[j - h]$ 
                 $j \leftarrow j - h$ 
             $A[j] \leftarrow temp$ 
        int h ←  $\lfloor h/3 \rfloor$ 

```