

```
shellSort(ITEM[] A, int n)
```

```
    int h  $\leftarrow$  1
```

```
    finché  $h \leq n$  fai
```

```
        int h  $\leftarrow 3 \cdot h + 1$ 
```

```
    int h  $\leftarrow \lfloor h/3 \rfloor$ 
```

```
    finché not  $h \geq 1$  fai
```

```
        da i  $\leftarrow h + 1$  fino a n fai
```

```
            ITEM temp  $\leftarrow A[i]$ 
```

```
            int j  $\leftarrow i$ 
```

```
            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  $\leftarrow \lfloor h/3 \rfloor$ 
```