Esercizio 3

```
ν := 2.4

sf := 589

sg1 := 99

sg2 := 2.7
```

```
k := ((53 * ν - 100) / 100) sf + ν - sg1
k
```
63.908

```
sg2 / k
```
0.0422482

```
k
```
63.908

```
decayConstant
```
$\{1.54033 \times 10^{-10}, 9.70794 \times 10^{-10}\}$

```
t[r_] := - (Log[r]) / (decayConstant[[2]] - decayConstant[[1]])

t[sg2 / k]
```
3.87407×10^{9}

```
2.7 / 0.044
```
61.3636