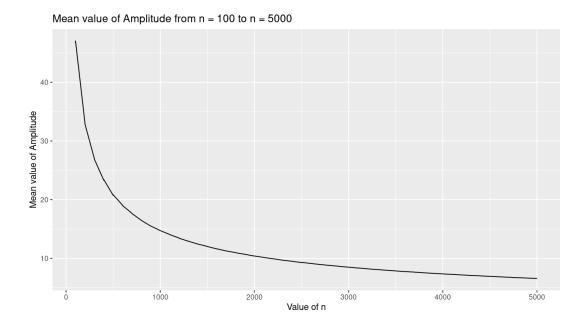
```
Semente = 361

m = 650

lambda = 0.01

(1 - \alpha) = 0.98
```

```
library(gplot2)
2 set.seed(301)
3 lambda <- 0.01
5 contidence <- 0.98
6 m <- 650
7 library(applot2)
8 Intervalo de confiança
9 library(applot2)
10 Cicale <- function(wector)
11 cicale <- function(wector)
12 library(applot2)
13 len <- length(wector)
14 adyee <- advector)
15 value <- qt((confidence + 1)/2, df = n - 1)
16 return (value * sd_wec/sqrt(len)*2)
17 library(applot2)
18 library(applot2)
19 oindex <- numeric()
20 values <- numeric()
21 values <- numeric()
22 library(applot2)
23 for (i in 1:50)
24 (
25 media <- 0
26 n <- i * 100
27 for (i in 1:m)(
28 vectore- resp(n,lambda)
29 cale <- Cicale(wector)
30 media <- media /n
31 index <- append(index,n)
32 values <- append(index,n)
33 table <- cbind(index,values)
34 di <- data_frame(table)
35 labs (<- cbind(index,values))
36 di <- data_frame(table)
37 labs(titie="Nean value of Amplitude from n = 100 to n = 5000", x= "Value of n", y = "Nean value of Amplitude")
38 di
39 di
40 gplots(df, aes/kennex, y=values )) + geom_line(etat="identity", position=position_dedge())+
26 labs(titie="Nean value of Amplitude from n = 100 to n = 5000", x= "Value of n", y = "Nean value of Amplitude")
41 labs(titie="Nean value of Amplitude from n = 100 to n = 5000", x= "Value of n", y = "Nean value of Amplitude")
```



Pela observação do gráfico obtido concluímos que quanto maior o valor de n, menor será a média das amplitudes.