

1 Aula 3 - 16/03/2018

```
> rm(list = ls())
> library("corpcor") #pacote para calculo da pseudoinversa
> fgx<-function(xin) 0.5*xin^2+3*xin+10
> X<-runif(n=20,min=-15,max=10) #amostra x
> Y<-fgx(X) + 10*rnorm(length(X))
> plot(X,Y)
> H<-cbind(X^2,X,1)
> w<-pseudoinverse(H) %*% Y
>
```