```
makeCacheMatrix <- function(x = matrix()) {
inv <- NULL
set <- function(y) {
 χ <<- y
 inv <<- NULL
get <- function() x
setInverse <- function(inverse) inv <<- inverse
getInverse <- function() inv
list(set = set, get = get, setInverse = setInverse, getInverse = getInverse)
}
## Function to compute the inverse of the special "matrix" returned by makeCacheMatrix
cacheSolve <- function(x, ...) {
inv <- x$getInverse()
if (!is.null(inv)) {
 message("getting cached data")
 return(inv)
}
data <- x$get()
inv <- solve(data, ...)
x$setInverse(inv)
inv
}
```