```
> A = matrix(c(0,4,0.9,.2), 2,2, byrow=TRUE)
> eigen(A)
eigen() decomposition
$values
[1]  2.0 -1.8

$vectors
           [,1]       [,2]
[1,] -0.8944272 -0.9119215
[2,] -0.4472136  0.4103647
```