```
X ← matrix (nrow = 4, ncol = 3, data = C(1:12), by
                                              row = T)

X [4:2, 1:2]
X [1:3, 1]

x_trans ← t(x)
x_trans

crossprod (X)

Y ← matrix (nrow = 3, ncol = 3, data = c(3,-4,5, 2, 1,10,
                                          12,4,0))

solve(y)

eigen (y)

mat ← X %*% y
mat
```

Krishna