www.r-project.org

The R Project for Statistical Computing

Getting Started

R is a free software environment for statistical computing and graphics. It compiles and runs on a wide variety of UNIX platforms, Windows and MacOS. To **download R** please choose your preferred CRAN mirror.

If you have questions about R like how to download and install the software, or what the license terms are, please read our answers to frequently asked questions before you send an email.

News

- **R version 3.4.2 (Short Summer)** has been released on Thursday 2017-09-28.

- **The R Journal Volume 9/1** is available.

- **R version 3.3.3 (Another Canoe)** has been released on Monday 2017-03-06.

- **The R Journal Volume 8/2** is available.

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Cvičení - práce s vektory

```
> a=c(2,-2,0)
> b=c(3,0,4)              # c "column"
> crossprod(a,b)
     [,1]
[1,]    6
> 0*a+0*b
[1] 0 0 0
> 0*a+1*b
[1] 3 0 4
> 1*a+1*b
[1]  5 -2  4
> 2*a+(-1)*b
[1]  1 -4 -4
> aplusb=a+b    # uložení výsledku do nového objektu
> aplusb
[1]  5 -2  4
```