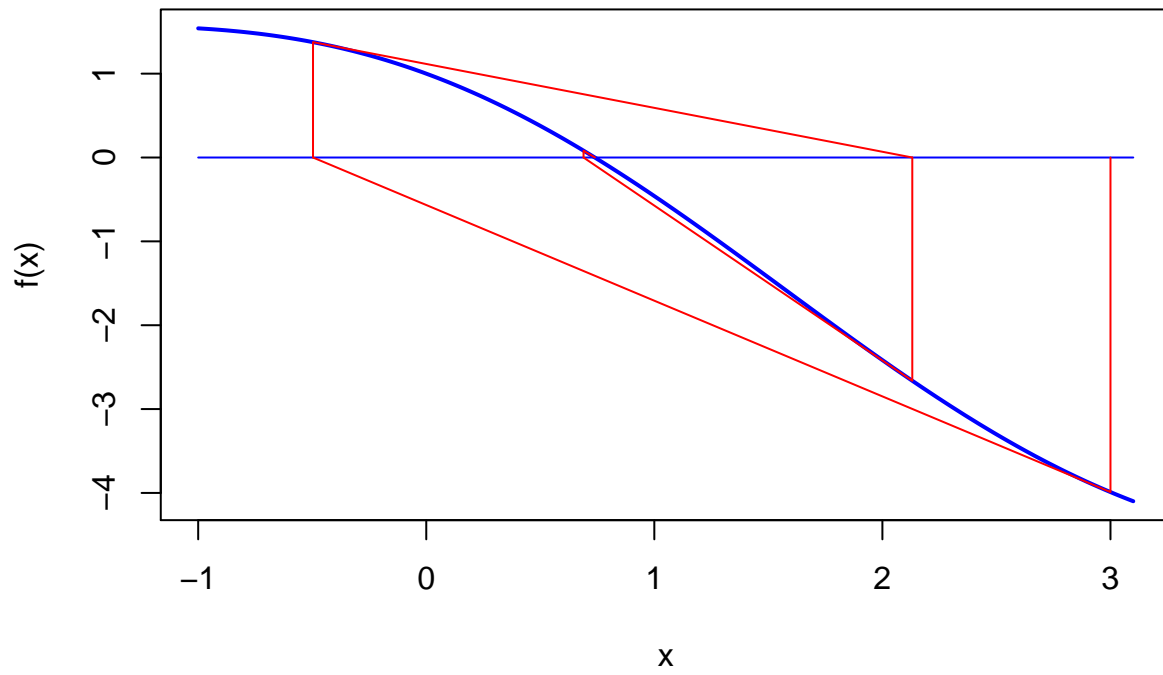
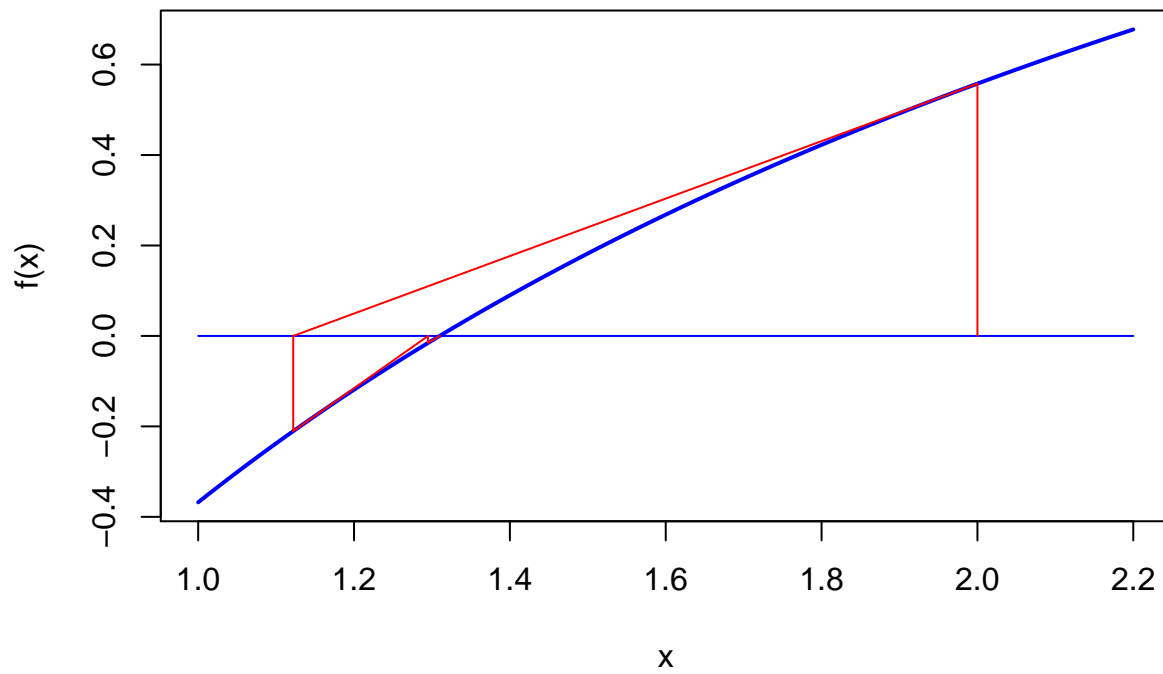


zero  $f(x) = 0$



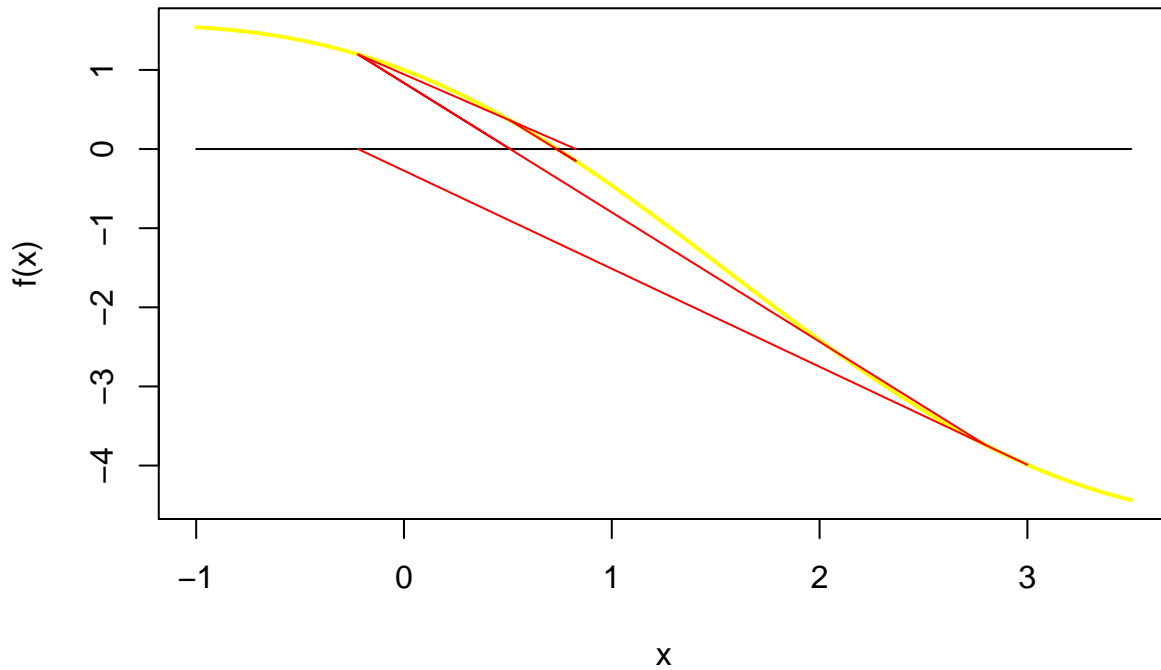
```
## last x value -0.4965582
## last x value 2.131004
## last x value 0.6896627
## last x value 0.739653
## [1] 0.739653
```

zero  $f(x) = 0$

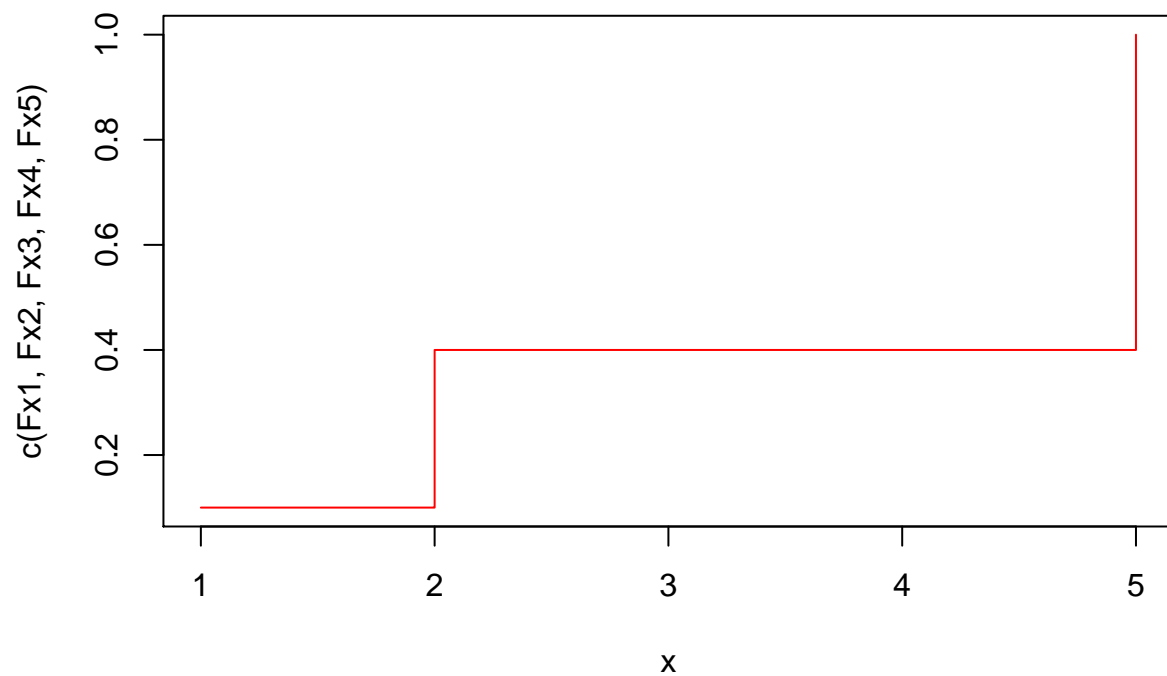


```
## last x value 1.12202
## last x value 1.294997
## last x value 1.309709
## last x value 1.3098
## [1] 1.3098
```

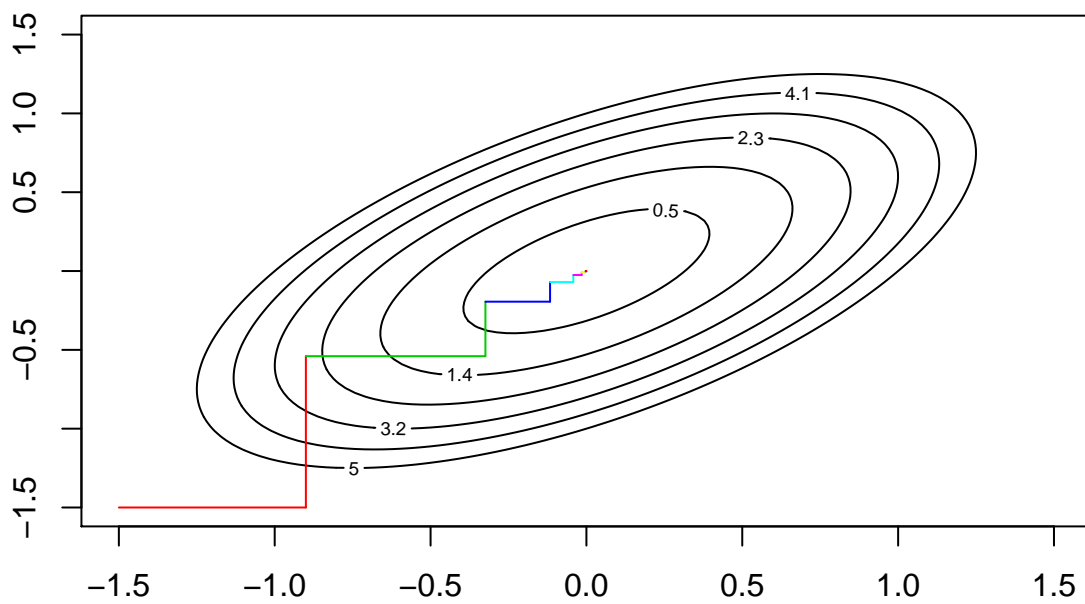
### zero of $f(x)$



```
## last x value -0.2207208
## last x value 0.5110884
## last x value 0.8274568
## last x value 0.7343034
## last x value 0.7343034
## [1] 0.7343034
```



```
## [1] 2
## [1] 5
## [1] 2
## [1] 1
## [1] 5
## [1] 2
## [1] 3.000001
```



```
## [1] -0.9000005 -0.5399991
## [1] -0.3239996 -0.1943994
## [1] -0.11664038 -0.06998455
```

```
## [1] -0.04199138 -0.02519619
## [1] -0.015117592 -0.009071722
## [1] -0.005444077 -0.003266769
## [1] -0.001961105 -0.001174652
## [1] -0.0007038706 -0.0004213549
## [1] -0.0002519686 -0.0001515037
```