Esempio-tir-van-2

April 13, 2019

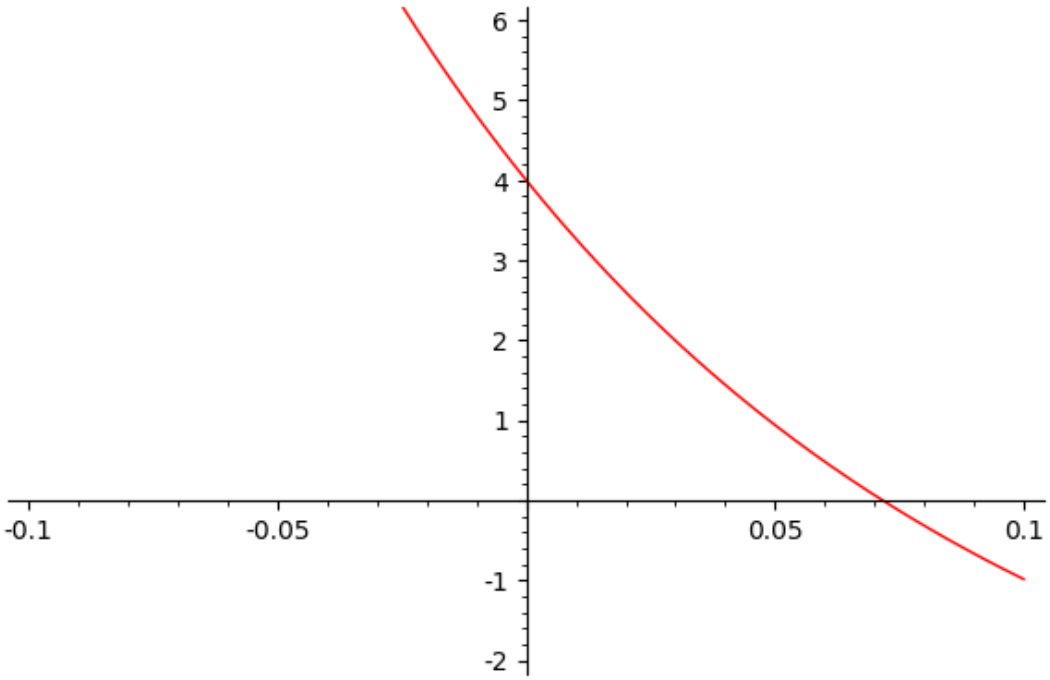
In [93]:
```
g(x)=-5+1/(1+x)^5+8/(1+x)^9 # (-5,0,0,0,0,1,0,0,0,8)/(0,1,2,3,4,5,6,7,8,9)
```

In [94]:
```
h(x)=-5+4/(1+x)+5/(1+x)^18 # (-5,4,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,5)/(0,1,2
```

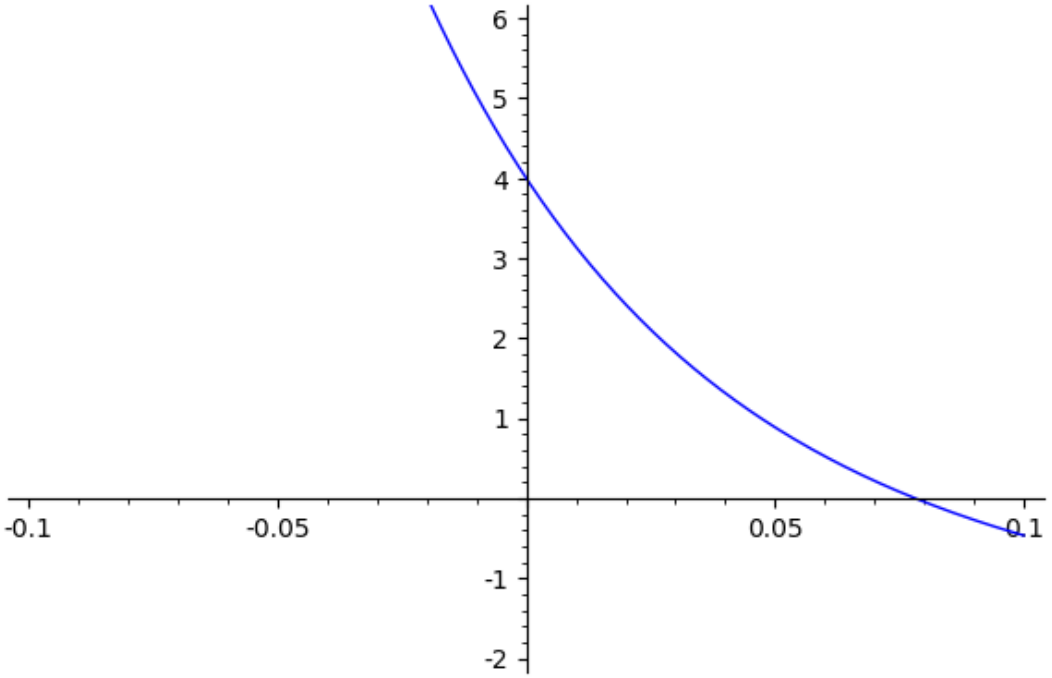
In [95]:
```
redg=plot(g,(x,-0.1,0.1),ymin=-2,ymax=6,color='red')
```

In [96]:
```
blueh=plot(h,(-0.1,0.1),ymin=-2,ymax=6)
```

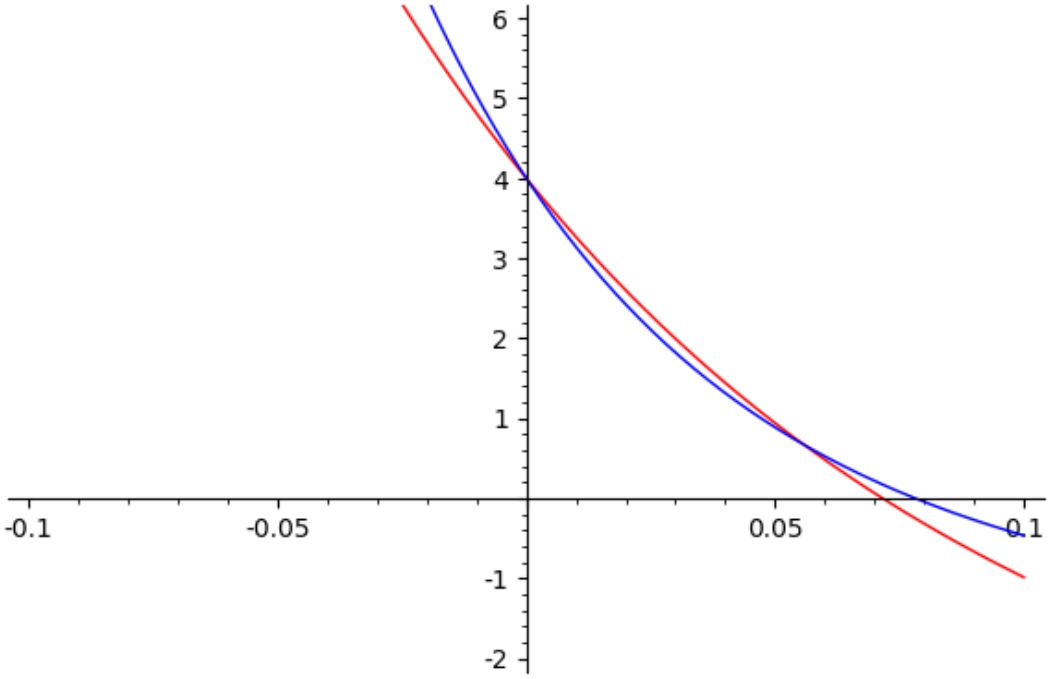
In [97]:
```
redg.show()
```



In [98]:
```
blueh.show()
```



In [99]: (redg+blueh).show()



In [100]: find_root(g(x)==0,0,0.1) # tir progetto rosso

```
Out[100]: 0.07162598938548995

In [101]: find_root(h(x)==0,0,0.1) # tir progetto blu

Out[101]: 0.07817078140988919

In [102]: find_root(g(x)==h(x),0.05,0.1) # valore del tasso per i quali i VAN coincid

Out[102]: 0.05575927849603673
```