Lesliematrix ingeven

```
>L:=[0,0,2,1;0.4,0,0,0;0,0.6,0,0;0,0,0.6,0]
```

0	0	2	1
0.4	0	0	0
0	0.6	0	0
0	0	0.6	0

beginsituatie ingeven

```
>B:=[1800;800;450;200]
```

1800
800
450
200

```
>v:=[]
```

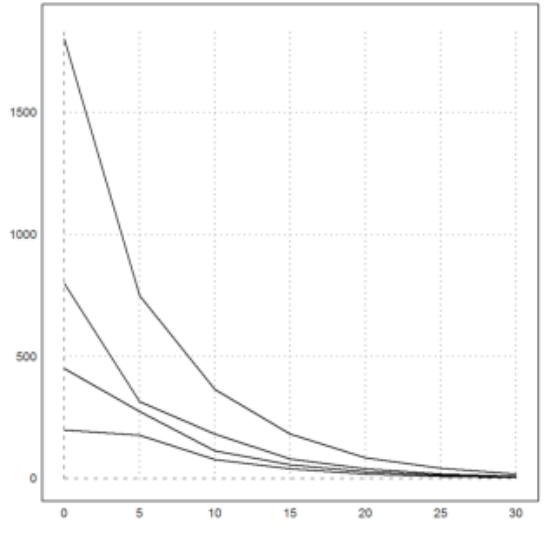
```
[]
```

```
>for i=0 to 30 step 5 v:=v|(matrixpower(L,i).B); end;
>format(9,2); v
```

1800.00	748.80	366.13	182.22	85.29	42.23	20.12
800.00	314.88	183.31	79.69	40.74	19.22	9.37
450.00	276.48	113.47	58.02	27.88	13.35	6.53
200.00	177.12	78.30	41.48	18.78	9.45	4.47

Lijnengrafiek maken

```
>plot2d(0:5:30,v,a=0,b=30,c=0,d=1850); insimg(20);
```



Lijnengrafiek maken mbhv tekenstart. Elke lijn krijgt een andere kleur.
Eerst fucntie tekenStart inladen.

```
>load "C:\Users\20002375\Documents\Ingrid\wiskunde\cursus2015-2016\bestanden\deel4 lineaire algebra\t
>tekenStart(0,30,0,1850)
>plot2d(0:5:30,v[1],add=1, color=2, thickness=2);
>plot2d(0:5:30,v[2],add=1, color=3, thickness=2);
>plot2d(0:5:30,v[3],add=1, color=4, thickness=2); insimg(20);
```